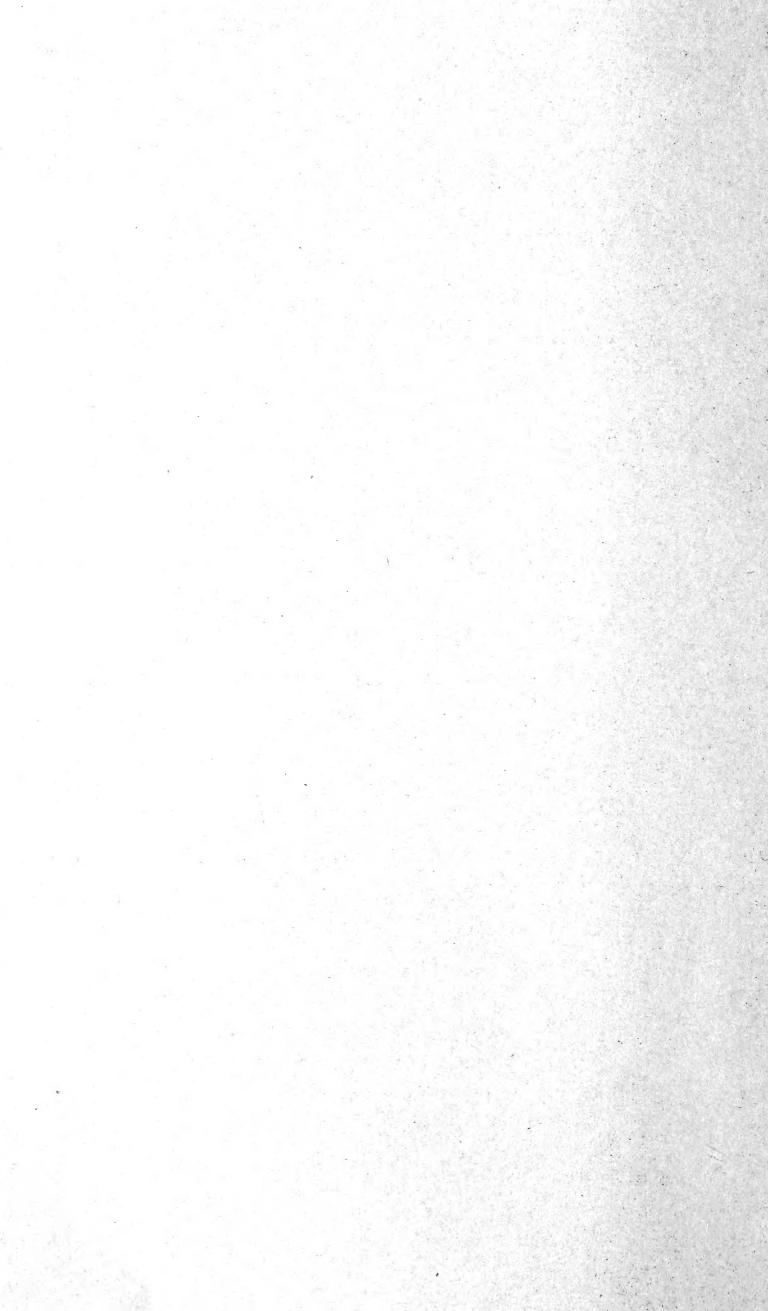


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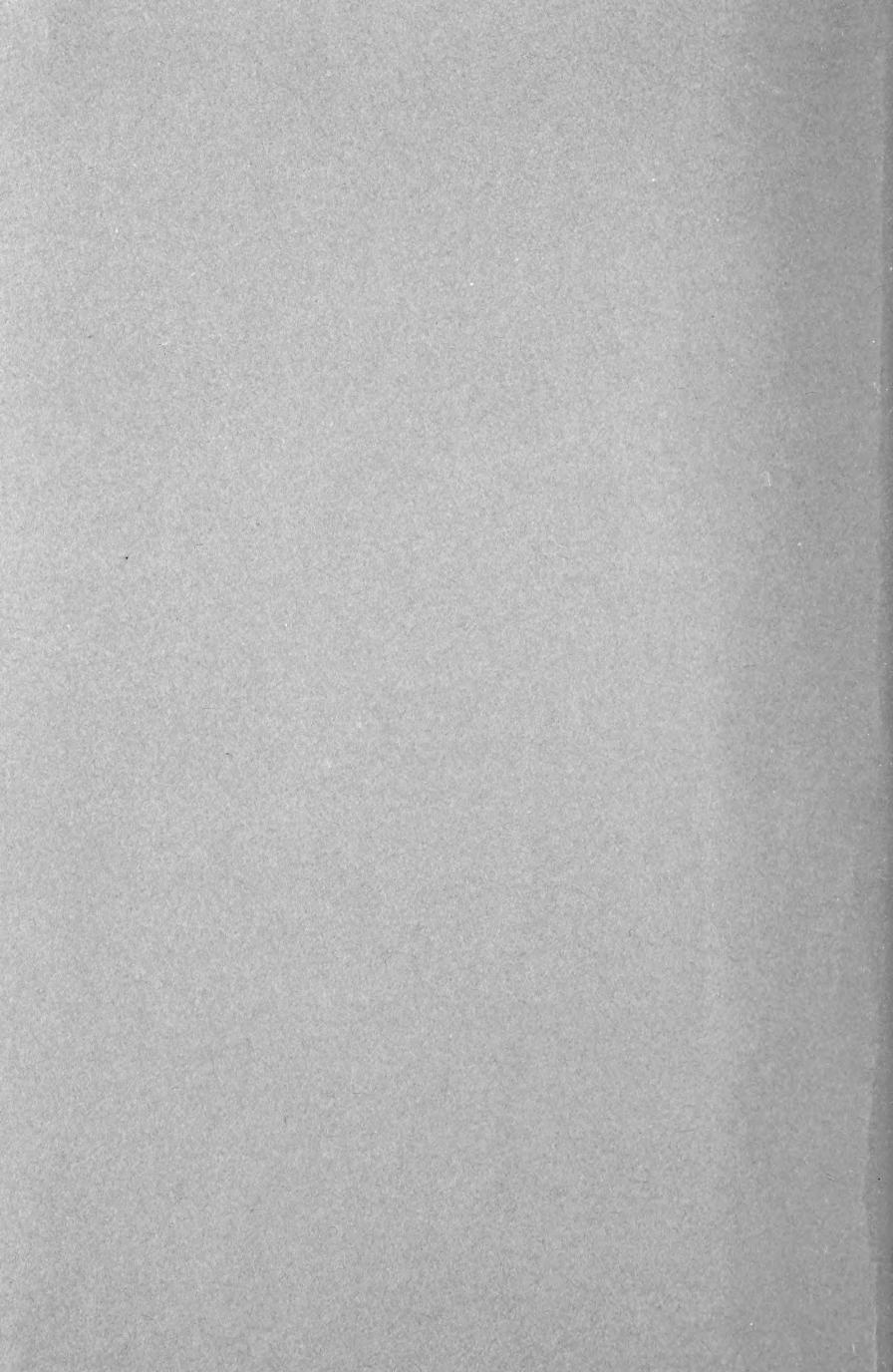
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Redon, M.
Kings River National Park, Calif
May 20- June 3, 1942



M. Redon, 1942 Journal may 20, 1942 - Cedar Flore, S. Firk Kings R., 4600 Ft. Frising Left Berkeley at 5 a.m., Mrs. Trennell driving ner Car and with J. Crowley, F. Ogilvie, Mrs. Miller and as passengers. Dr. Meller and Dr. Harvey Fisher followed in the truck. When we lift Beskely the weather was very cleary mae. We followed highway 99 end Thesno and stopped in the Paris for unch. From Fresno we got on Sighway 180 which tore us directly into the park. By this time, the weather was very hat. We went first to the Park Headquarters, 7,000 ft. elevation. Here, the weather was so cool as to be abrupt cold, and some snow remained there. We stopped up there while Dr. Miller went a see the Superintendent & Mrs. Drunnell tended a sur graviries. He shoewed some birds. Treefeally, we notised some Chepments, a Western Tunager, and 5:30 p.m. set responster cleiner. Conce down 04,600 at Seen and heard on trip Linet Red - Winged Blackburd Western medowolik Brewer Blackburd Dayle Touth Snake California Jay Jackubbet Brown Tunhee Ground Squirrel California Kuail Marsh Hank Western mokingbud

Cark Sparrow Burrowing Owl Weavel mouning Clare English Sparrow

Barn Swallow

Ceder Grove, S. Fork Knip R., Hoofte, Fresns Co, Calif.

Western Kingleird

Turkey Victure

American Goldfinch

California Woodpicker

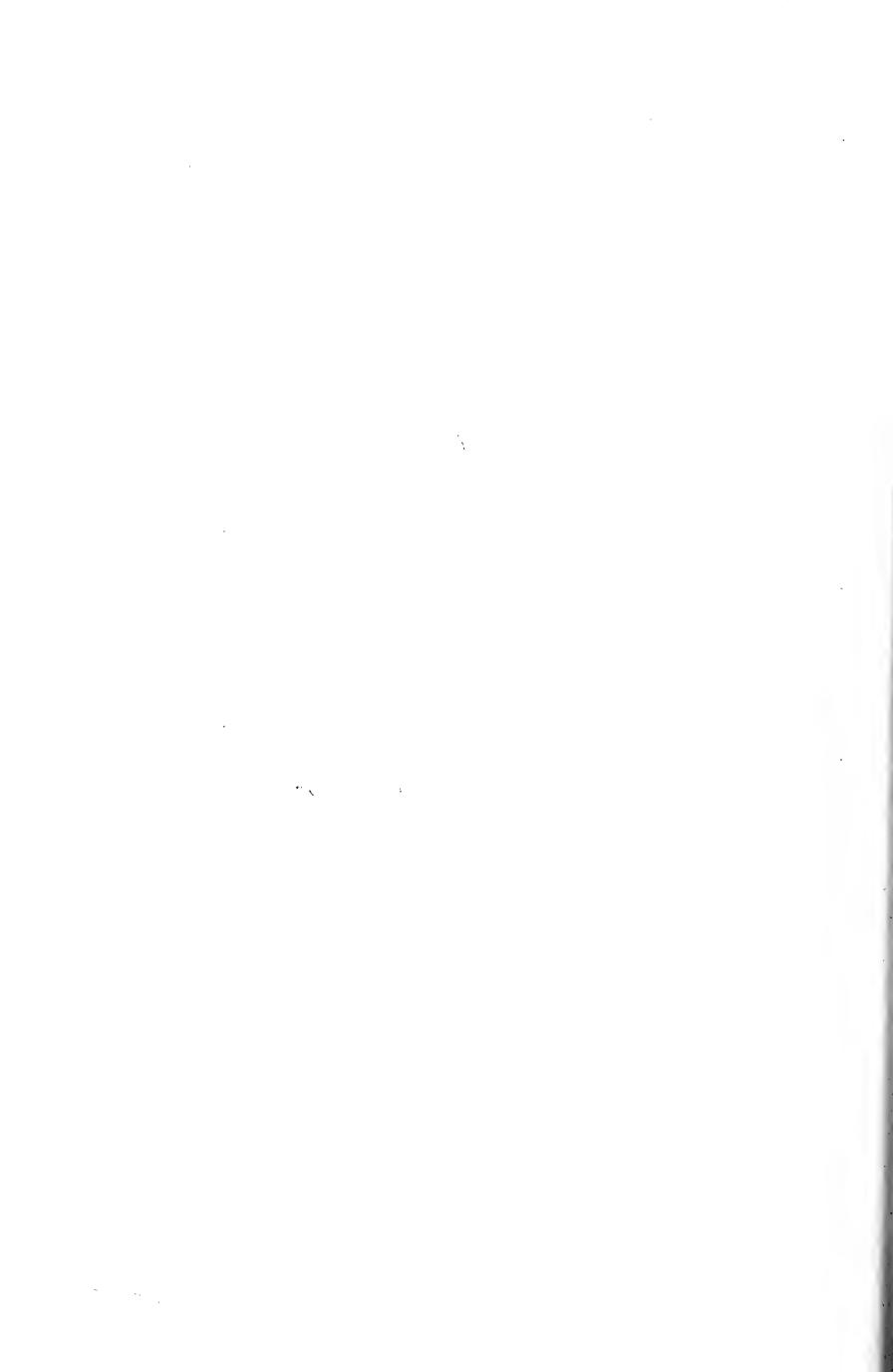
Blackheased Grosheak

Ground Squirel

Pigny Owl.

Chepping Sparrow Chipming Sparrow.

He Let our traps, 14 in number East of camp, West of the word which leads with Budge. General vicinity is covered with fellow Time and Sucense Cedar word mangunda Bushes scattered about and a few Oak raction small-leaved & stunted looking variety While setting our traps heard & saw come Wordpechers of unditernine species, & sawsome Swefts high above. Some sort of bato were seen flying overhead so we worked (mystis species ?). at about fine thirty in the morning, we went buch to sur trop line and found an adult male Perompous manieulaties (1) in the first trap, which had been set under a manganita bush. The remaining traps were empty. Two had lieen sprieng und their bate was youe.



Cedar Groces S. Fork

May 21, 1942 n Kings R. Con you, tresno Co, California Started about 1:15 of a warm, but overcant day led by Mr. Dixon. We proceeded up following the trail South out of Odar Brove. Following trail we pow Drow planets & several ligands, coyote droppings, etc. Then we arrived, a little after two thirty p.m. at the a Collispe Humener's rest, Carre brack down the Trail of then severy around North West until we reached she dans et theep's creek. Here we watched some water Duyels, Turned and came down the trail to the henchaleone camp. Watched and lestened to several species both on the trail and on the beach above comes. Cance back straight down the sonyon side, arriving at compat about 5:20. Set traps after denner.

Seen on this trip:

- 1. Calleope Hummingherd (1)
- 2. Water Ougel (2)
- 3. Mountain Chickadie
- H. Hermit Warbler
- 5. Sparrow back (2)
- 6. ash- throated flycatcher (3)
- 1. Red Shafted Hicker
- 8. Western Roben

- 9. Steller Jay 10. Pygny Mithalak 11. Wistern Farager.

12.

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fourval

Cedar Grove, S. Fork Knigs Re., 4, 600 for Frence, Co., Calif.

ause at five thirty and investigated our trap lines. We had set 25 traps n'East side of the S. Fork of Kings R. Leveral traps which had been set near the waters edge were empty. I was surprised to see empty, one which had been set new a fallen log, for as I had set the trap I saw something source away, possibly a microtus up., however, we picked up the trapa Three contained animals, all teromyseur sp.? Manualettes 29 and 109. One I had been settacked by ants and so we did misken mus. muleited on the East side of the Kings River in the mendow region a the Fresh of the road. The I proben was setting on the nest . 3 eggs in The at about 4:10 we stated up to look at the Callupe Hummers heat and wordsh Scaloperus on the way, Spent so much line along the way enesligating stronge levids, etc. that we readed the Calliope Lenners nest at 5 o'clook thus having leut a few mercetes to remain fliere. We came back then, following the trail & observing several lunds slong the enay. No Sceleperus caught I several seen thise in ownery places with rooks # often softling faller

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m. Redon 1962 Journal Cedar Strove S. Fork King R., 4600ft, Tresus Co, Cily may 23, 19 82 loge. Noticed a streamer of auto ut one place where Sceloparus seemed facily thick. arrived at samp at about a quarter of six. After denner we set our trops out along the river, East Bank, right hard side of road from longs Species seen: : Species seen: Scelaporus Hernet Warbler Turkey Vieltiero Twefts Red shafed Flisker Court Steller Jay Western Rober -Calliogestuninghess

m. Redox, 1942 Journal Cedar Brove, S. Fock Kings R., 4, Cooft. Fresus Co., Calf. may 23, 1962 arose at about six o'plack in the morning & invistigated the 22 braps which we had set alongs the East brank of the River. all were emply, one spring. We spring the remainder of the traps leaving them so we sould set them the following evening. Kelurning woods with nothing a skew, J. Crowley & packet ourselves a tracleunch and, equipped with again norses, field glasses & several fat traps hit the trail at alwest 8:30. We were at first confused by the nearly of lurds singing, and walked slowly getting good descriptions of luche of which we were not sure. The song of the Calaveras Warbler was a frequently heard one. Us we went up the trail, I thought I sow a chipment wheeled, a few feet beyond the gate, that leads The the Sheep Creep East Fork where

the Callinge Hummer's nest is where seen. Let it ket trup at the transmit the truster of the proceeded on up the trail.



Esse Grove Je. Fred Kings River 4, 6 ogto Fresns Co. Coly. Somewhat later on up the trail we came to a region of racky soil, sta. 8 there osught a soloporus. Traceded on up the trail withe Callupe next. It was about 10:00, Stapped there & Crowley went on up the trail. Oslayed & watched the Callupe until about 12 m. Then started up the trail to priv J. Crowley for heuch. Walked quite a way wahou seeining her, so lurned leack. Caught a Soll porces as I crossed a Ruggiste branch of the Creek and knowed back at callinge rest at 1:00 p.m. lite lunch. J. Chauley arrived ut 1:20 and ate. Proceeded downward to gether and , decaded to turn down The Service road Come to a sloved samp, and found, wantering around in it, what appeared to be the site of a Chipping Sparrows nest, since the male was singing about here of the female flying alient wout motioned is her bill. market the true & hoped we would day. Saw a Flyostoher of some sout



m. Redon, 19t2 Journal Cedar Strove 3. John Kuijo R. 4. Cooft, Freno Co., Every may 23,1942 Wood Pewer or ash-Huratel (?) and got a very good look st a White headed Wood pecker. arrived at camp at about 4:30 p. m. and proceeded to clean up and write a few notes, as well too a lark up some of our burds. On arrival at camp? sawa male Black headed Gerslied in an Incense cedar right where we were camped. after denner, went out of reset our traps, found that several had been granded upon during the day and hoped that that enducated better beck this time to Chepmunk in our try Species seen; Western Tanager Chepping Sparrow Calaveras Warbler Idawk ?) ash Throated Steller Jay Fresh Cerceper (w (follow peru) Flycatcher?) Black headed Chepnunk Groshesk Swefts Sparrow Rawh Red-shafted Felickin White headed alloopser Soeloparus

mountain dudeises

B. Carlotte and Ca

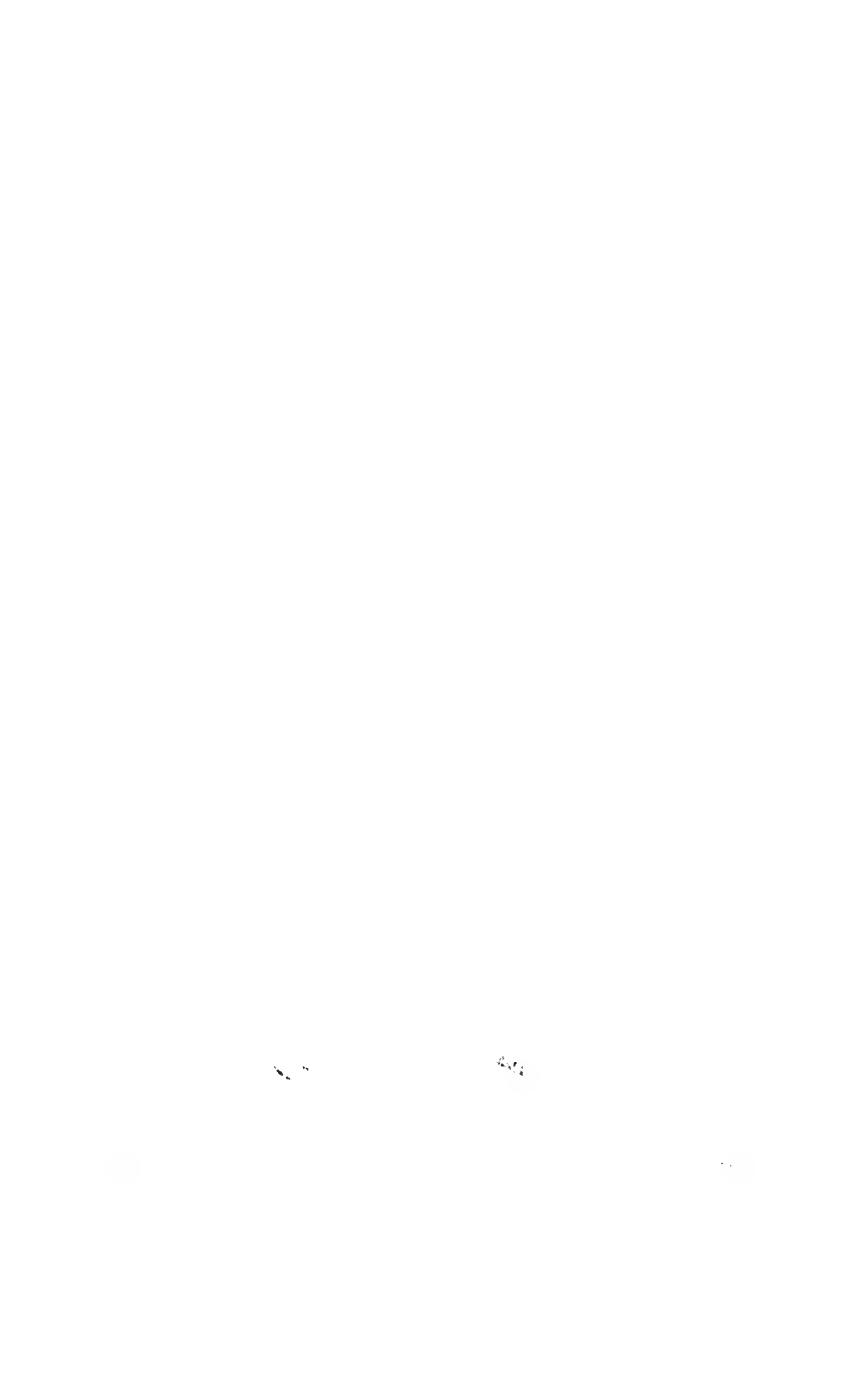
Cedar Grove 5. Fork Kings R. 4,600 H. Fresns Co, Calif.

mry 24, 1962 We set out at six thereby we examine our traps. Of the ZZ set, one had been spring and the back was gone; the others were intact. On the way across w our trap line, we saw a Lainy Woodpecker; the Kolien was still sellingon her rest. Our traps had agreen been let southeast of carey sources the bridge. Spent the rooming sluffing a nivuse which Mrs. Grunell had saught in the tent lating our sevocado. This mouse was a footsening 6 enclosion. Ufter bunch, at aleaset 1110, g. Crawley and I set aut Scelaporus hunting. The day was very warms sunny almost sultry. We walked to the Ranger Jalien, East of Carry & fallowed The paved road which leads, eventually to the service. road, We arrived at The closed camp (Sentinel?) beet were sen able to find the tree containing the Chypping Spensor sest, which we had nurbed yesterday. We saw quete a few burds which we allingsee a chentiff with the sed

of feeld glasses. Found a great many Sceleposon about, but the



m. Redon, 1942 Journal Cedar Grove, 5 Into Kings R. 4, 600 ft, Fresus Co, Colof may 24,1942 so had differency when we tried in solah them. Kept walking up the paved road and finally we got w a Scelopous paradise; many small waters stones; ratting loge; Art sur; and graes & ante galore. many small Sallsporus kushing slisus mally - also large ones which seemed a keepout & siglet more. J. Crowley oxuglit seven; I caught two very, nearly time ones. We walked bakk an reached campat aleaut 5:55. Dead not set traps after denne, for we (Josephine Cravery Vace planning to Like up to the Calliope agreen Comstrow Species seen wolreded: White headed Wordpecker Museau Chrobates Chipping Sparrow Western Tanager Steller Jay Western Robern Copile Lacloperus Worker (heard)



m-Redon, 1842

Journal Cedar Grove, Stock Kings P. 4, 600 H. Freons Co, Calif. may 25, 1942 Total about 6:15; had set no traps so yot breakfast and at about 6:50 f. Crowley and I left together for the Callingse nest. In the way up, we look the sed road to its end of then got on the trail, we heard Tanages, Calaveras Warbler, Swefts, Jays and Chyprey Garraines not Winestion a Kolin. We reached the Callespe's nest at 7:35. Skemanned there, while f. Crawley proceeded on up the track. Sot and watched the Callege for 1" shrs. Then I was so sold I hadto go up into the sew for awhile; Ireal topatale some legards of which Heere were dozens all over, huit failed meserally. Come back alove via the trail of the southerned. Saw Herned Wurler & Languer, 2 males fighting and 1 & (3) setting by, also sow a White - heases Wood -Judes en in morning: 1. Western Tanagle 2. Chippeny Sparrow 3. Steller Juy t. Colaverus Wurbler

5. White Heroster Swift

1. Scelepanis

white headed Classpecker

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m. Redon, 1942 Journal Cedar Grove, S. Forkkings R. A, Cow Jo. Frem Coly 3th. Western Robin 8 th. Heruet Warbler 9 th. Wood Peroce 1018. Chepmenek 11+14 Sceloperusp. 1276. Prairie Falcox may 25, 1442 left camp a little after 1 p. m. and drove down to the Ranger station. all five girl, F. Ogelvie J. Crowley, J. Russel I. De may who was driving and were present. We peaked up Mr. Dex on and drive up to the Kriring River Falls region. We got out and proceeded about these meles up the trail to the Junialt Meadows. On the way up, Mr. Duron prested out to us all sotte of interesting things. Ele saw tracked of deer powing, a doc ran lyus, we saw the sage of these parta artenta tredentatas; Word Violeto everepresent; we heard Cassex Vision, Chipping Sparrow Jays, Sweft. Caught an allegator Cigard, a Garter Sushe V several Sall pareso occedentales ?. When we arrived at Juneal meadous we heard several marieties of lands Red wing Blackbeeder, Henrewing



m. Redon, 1942 Journal Cedar Franc S. Fork Kings P, 4,600 H Frens Co, Cil lunde of some sort & Calaveres Warbluss. Finches of some soil could also be heard. We set our traps around the Zumal & meadows. The land is very swampy and shounds in Cat tails, horsethe y assious other types of marsh growit. We divided up, setting our Trips thereal the neadow and I was setting mene on the Esst?) sede slow the wellows, as we worked three the water extens traps, we naturally put up marker on the wellow leasyle which leaved over the water. Iwas somewhat surprised To see a hummerfleid (allen?) going Srow red marker wired marker ofter the Jashen of a Hunemenghers aredy from Suchea to Juschia. Otherk tetet dere de have some evidence endi caling that the Quenemer depends a great deal on his sight & color vusion

great deal on his sight tolor vusion for his frod. Our traps set atlas i swe arrived, very wet & sorry looking specimens of humanity, onto bleylow & retraced, rather rapidly the trail

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m. Redon, 1942 Journal Cedar Frove S. Inteking P. 4. 605 ft, Freand Co Caly May 25, 1942 back withe car, We slopped, however, long enough west & rat traps at the entrances to woodral needs. We acreved home (camp) at 6:30; rais was falling during the last leg of our trip. Speces sen: Sugar Pine Cassen's Vireo Gellartine Townsaud Soletwie Miners Settuce 3 Chipping Sparkow artemisat ridestala 4 California Muletices s cellegalor Legard Word Violet Jan Flowers o Sceloperus ap. Themble bersels Varler Snake & Redweng Blackburd gottelles Jay aller Klenemergleich (3) 1 Fuches 3 12. Calweras Warbler 13. Flycatcher (3)



pournal

Cedar Grove, 5. Forkkings R, 4.600 ft. Fresses Co. Calif.
May
Tet. 26, 1942

Sot up at seven - therty this morning since our traps were set set jumalt meadows two were going back with Ms Dixon. a viset by to bear had made our night eventful, Mr. Diconcause up at about eight and decided that we should want centil after neal a see how the weather would lier out. Some time after nene a. m. we see set offleaving mrs. Turnell at camp. We investigated the leglet woodrat traps set not far from where the our was purbed, leet nothing had been caught. Two of the trays had been sprung. Trocedery further we heard various species of herds, els. arriving at the meadows, we each set to work on our respective trap lines. Mine were set along the edge of the wellows, and investigation revealed that of 23 trupe set, 3 had been spring. nothing was caught. One member of the party found a Folmie Warbler in a trup, and another, a terompone probe species Level, and a



m. Redon, 1942

Journal

Cedur Grove, 5. Torlekings R, 4, 600 Ft. Fresno Co, Cap

microtus. Mr. Dixon shot down a effective warber and a Wright (?) Fly-catcher on the way to the mendows.
While there, he collected a Long Sparson. We sot and ate lunchent to alack.

At 2, we were given an hour to wander at our livere. Most of the pils crossed the Privale. Insticed Purple and classed ligards. I, having no ligard noise, wantebed birds. Insticed Purple Finches, Wood Pewers, Chipping parrow, Wistern Rolien. At three, we sel met contains

near the bridge and set out for the

car. arrived in camp at aleast 4:30, and

proceeded to clean up & write some notes

Species seen: Black headed Grasheak Cassin Vires

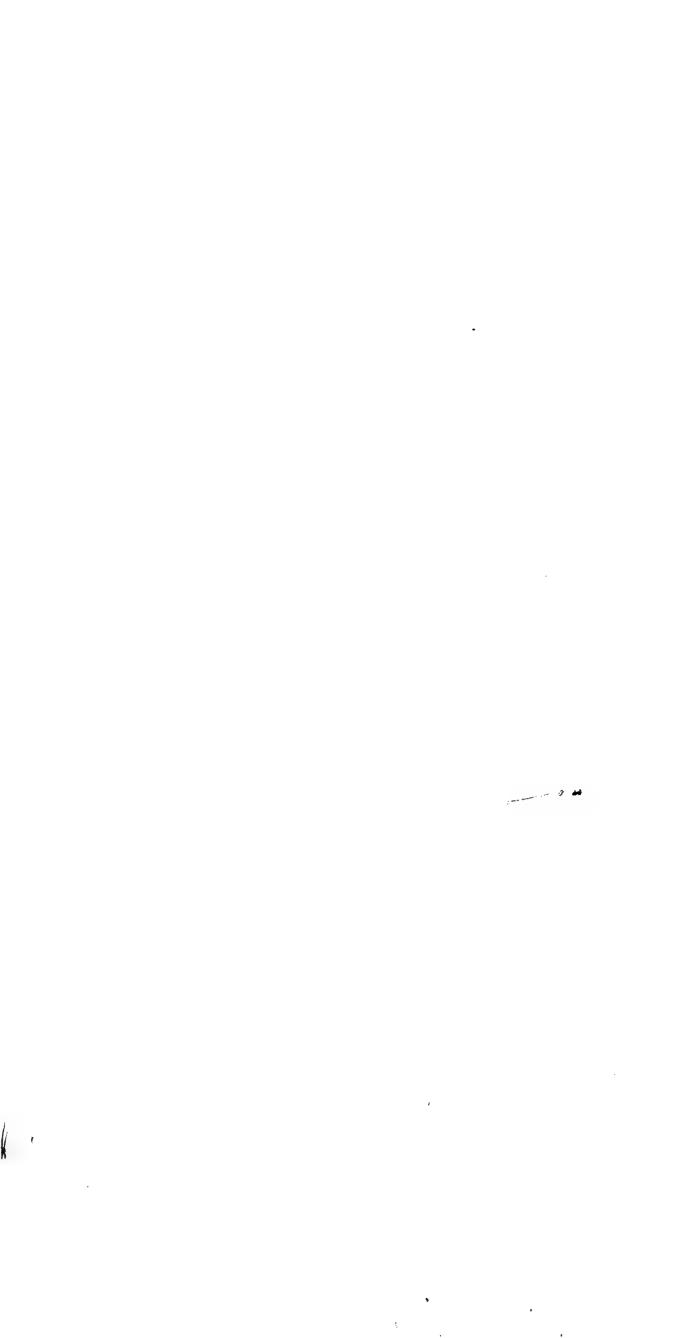
Steeler Jay Wright Hysatcher Chipping Sparrow Chegon Junes Peliolatil Warbler (shot) Swift

Sweft Purple tind



m. Redon, 1942 Jurual Cedar Grave, S. Forle Kings R. Kings Conyon, Fresno Co., Calif. 4,600/s may 26, 194 = Wood Pervee Mt. Chielcadee Chickaree Beechy Ground Squerrel White prowned Sparrow Wedern Tanager Surve Cruper Redwinged Blackburd White Absorted Sweft Western Lolica It was interesting to notice that the marsh-land seemed to house insicts which attracted sweets which were sworping

and during alione the wetland.



m. Redon, 1942

Journal

Celar Grove 5. Fork Kings R, 4,600ft, Fresno Co, Caif May 27,1942 that up at six a.m. and left for zum-walt at seven a.m. with Mr. Dixon. The morning was unusually slilly and we franch snow. On our way up to Zunwalt we heard several species of bardo, mostly the same that we had heard before. On arriving at Junwall, we proceeded immediately to pick up our traps. In my fourth trap found a song sparrow. It was sought by de legs still slive, in good condition The remainder of my traps were all souply. J. Crawley found one Lecompoussand Mr. Klison skot one female Hackbird one ustern Flysstaker; one Song sparracione one Supletinch. Mr. Descon had caught a Gaster Anake in his trip which he gave me in echange for the Song sparrow (to save the sparrow for posterity of from my skening J. Jeought one small Sceloporers on the sway back of left my grobet along the trail. We arrived at comp at about 12:30 4 after bunch (2p. m.?) we (I de cle may & I) west back up in she waited in the car while I

. .

Journal

followed the trail back just beyond the Roseing River Falls. Unthe way a surget one Saclapores which I safely tucked out my bag. I assept another of was surprised to see him turn t suspent me. Investigation showed that he had fur ticks in back of his registern showed that he had surprised in back of his right ear of 3 (huried leepers) in back of his right ear. I wonted to get the ticks out without brakeing them too did not put him into the leag. The result was that I lost how light of ticks.

Got back to the sae at 3:40 p. m. 4 come straight back to samp.

After denier Mr. Cliver Dok es lower Athe Way on where J. Crawby & I set 21 traps. Anthe way down I stopped of found the Robin still setting on her next We went to the hour sound & met a family of people who were true provide in charge there. Canal back to power at 8:00 p.m. or so and then fried lynds & write notes for a while

Species seen :

" Gray Surrel

2. Purple Final

3, dly Sperros

4. Sunal Squerel

5, Swift

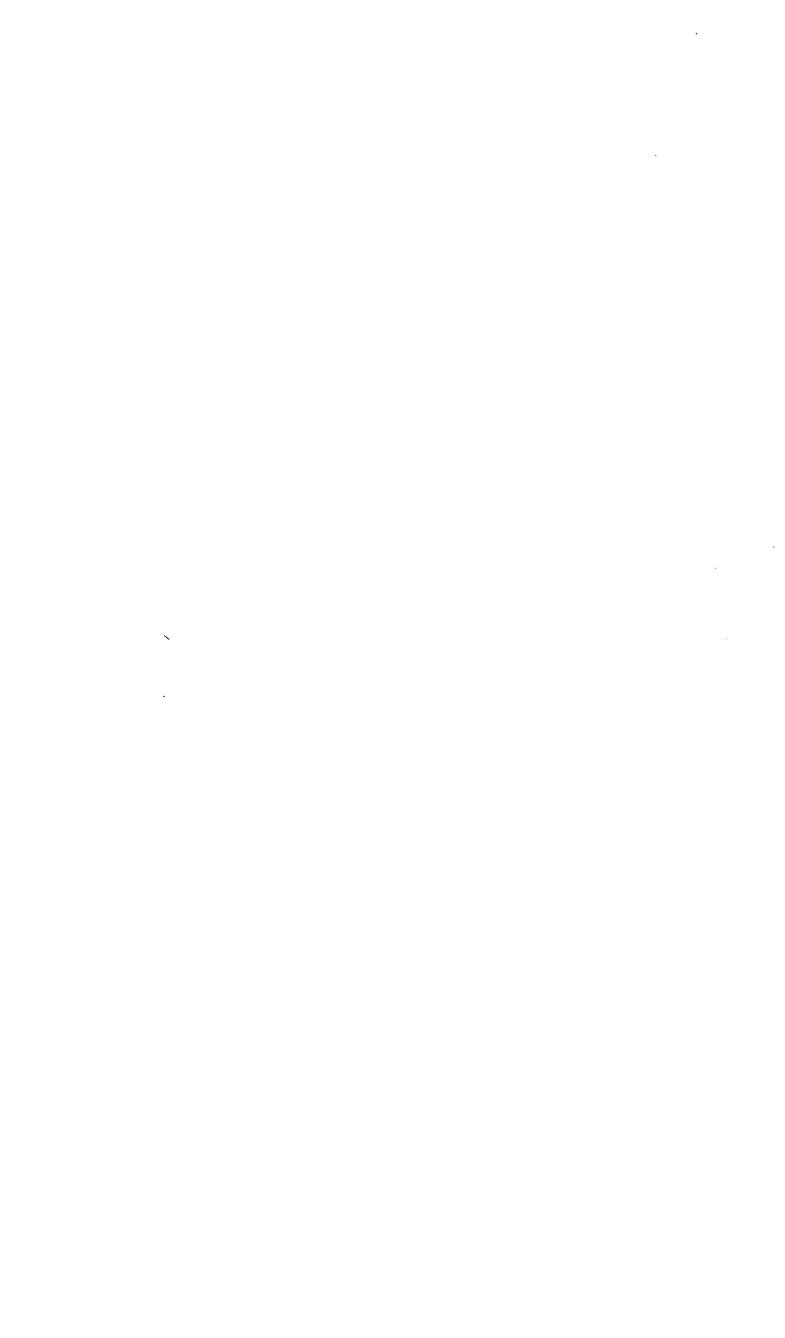
b. Ville-grew Swallow

7 Colaveras Workler

8. Cassin Viris

9. Western Tunger

18 Black about Grosteske



purnal

Cedar Grove S. Tak Kings R. H. Cosft, Fresus Co., Oalif.

may 28, 1942 arose a little after sis. Whele breakfasting saw dae alient 100 yrs. from breakfast table. West off to see our trap line. No one had any thing but m. Disos. He had suglet one Pero-Impour. The and returned together Traslation scholarce which was digging hear a stone. He governd the sear sup on the stone. I watel for this purcess was repetled several times until he while me and scorted. We saw the Kolon on her met still, and several Water Origilo door by the bridge. Lacer on Da showed methe nest Of under the bridge. Died to samp, we packed trail works & proceeded Graphine Crowly, Ita lle may and O) up the trail starting at alcout 10:10. We werd who Sheep Cruke Campant watched the Water Oryelo for a few minutes, Then we proceeded up the trail a the Callinge nest where I left the return. I spent past of the a.m. hunting around for plants which might serve as humminghed from but surchant success. I saw a Dolten Engle up there. Ihn I had hunch. The Visions cancer up & work repoture of the dallwipe. at about 2 leas les alonet I spent the

time until 41, 20 watshing the bus alrely.

Dhe was fædning her grung then, I discovered.



m. Redon, 1942 Journal Cedes Drove S. Fork Engs R, 4, 600 Fr. Fream Co. Calif. may 28, 1942 Out to compat 5:45; had denner with the llesons & then come home and wrote only. Species seen; Calaveras Warhen Western John California Mula Deas (and tracks) Scelopones White - headed Workpeaker Steller Jay Callerje Hunning hard Water Origel Western Jannyes Greden Eagle Word Revee Chickoree Hermit Warbler ?) Chegon Sunso Weather was cold morning & up until noon. after that itros fairly warm, in the sun, but still windy

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Journal

ledar Grove, 4,600/t, S. Fork King R. Treens Co, Calif.

Spreceded immediately week traplenemarthe and of Hatel Creek. We found one
Perompsons (legglie?) which had been cought
in a trip con at the edge of a fallen log,
aliout 10 ft. from the foot of the keeper.
Two of our traps had been spreng. The
temaining 17 were intact to we left theme
all, rebating those which had been spreng.
We saw a California Mule Deer crossing
the road on our way up Down traps. On
the road on our way up Down traps. On
the way leach we saw Western Tanagers,
of and 9 and stopped at the Rolinio next.
She was still setting.

after breakfast, Mr. Lleion canceres, and, let about 8 a. m. eveleft for Larkaut Reak, provided with trailluncher. We spellowed the old trail up, funding that this event up much more dereith than the new trail. As we reached the passe, we heard Muttal Fly satation, Polistaled Word-proker and Mr. Quail Mrs. Clista showed us a Pine Tru from which the grand bed prohist the more linder shorts, lenning

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Jaurual

Idea Grow Stokking R. 4,600 ft. Trismo Co. Celif.

Inventorables may 29,1942

its prectically stripped have. at Summet

Meedow, from which much of the snow

was melted so that it was quite swamp,

& marshy, we saw a four-breasted

Sapsusber, a small flycatches sp?,

and heard frogs (Hyla?). From

Summit meadow we trudged up

Lookant Piak which we sealed,

arriving at the top at 12:30 p. m. From

there we saw a Clarke Mitcracker, a

strikingly solved brown, black &

white bird.

We returned by means of memerous dur trails, figiting our way three snow, shouldery, and sliding down slipping pine-needle covered & gravelly slopes until we reached the new trail. On the way down, Mr. Clien showed us some trees which had been marked by hears, i.e. the bears stard on their hind feet & frawed stythe back; he remorbed that the bears seemed to like the Incense. Orders for this jumptoe.



grunual Edar Grove, 4 Couft, S. Fink king P. Tres m. Co, Calif. may 29, 1962 as we arrived hegler up, we saw Snow Bushes ?), and at Summit mudow we saw tadgepole Pine (indicator species for Barel Jones and some While word wirlets. We also heard a Poliston Wordpecker giving a sall which Mr. Clivon says, ensists "John puvis'you?"

(at 3:55 we arrived at he calleope not and Ostaget while the rest for auded to camp. At 4:30 I slaved back wamp. On urrival alcount up, ale dennus, wrote notes, & prepared for bed. Species seen: Filialis Wordpicker California Mula Heer mz. Checkedel Western Roben Ground Squerra Western Tanager

Western Langer

Peromipous lesglii?

Colouras Washles

Chregon Junes

White-throat st Sweet

Mittell Flycoloties

Hermit Warbler

Spirm Gruper

For Spirm

Mr. Chickedee Bround Squerid Mittell Hycatches. Mountain Luxil (heard) Place-breasted Sapsuchee Myla (?) Dieles Jay Black-hersel Shoobeak -(Pais in oamp) Callings Humming birt Clarke Met cracker



Jour nal

Ceder France, H. Loop, S. Folk Kings R. Tresus Co, Cief.
May 30, 1942

as may 20 which was freezing in the honing.

Crawling of which was freezing in the honing.

Crawling of went of pieles uptraps which had

been left along slope where Noted Ouckejain

5. John. In putth - 3 trups opining.

Tissed up strail hunch & arrived at Callingse has at almost 10:65. Watched tallingse until about 2:30 came back down and looked in on Police. Monten officer flying around plupping desperately bt. historie & trealmost 20 years. away young = in heat with fairly long down - Fearters treat clearly windle.

Company for dennie - I died not set traps - unterdring Denne early in the a. ne. De su cultipe.

Species seen:

Steller Jay W. Robii

& Warbler

While thronted Suft

Gray Squarel

Oregon Junes

Scolopour gracusis.



Journal

Cedar Geore, 4,600 ft, 5. Fole Kings P. Fresus Co. Calif. May 31, 1942

We slept fate this morning. The other gurls set traps & went to them in The morning; after breakfast I made my way up to the Calcupe neal, stopping on the way up to look at the robins. With the use of the muror, I saw the toppening robens lying in a peculially triangular position at a la stuck my mereor above the nest, the young rober (a) stuck up his reck and spened his mouth wide. When nothing his given them, his neck feel back limply in its previous position, The Grahim was nowhere in sight. The Thegan fleging & twettering wassedly at my investigations. I followed the trail to the Cellinge next which Presched at about 10 a.m. Then, remember at the rest until two p.m. Iretune Dany and stayed there until 4:00p.m. Ireturned up the trail & arrived at the Calleopis west of 4:30. 7. Ogetvie, R. Paulson, and J. Kussick came up a suthe new. all four of usleft engether for camp at about 6 s'clock.

m. Redon, 1942 Junal Cedar Grove, 4, Cooft, 5. Folkking P. Fresus Co, Cild May 31, 1942 Species seen: ChippingSparrow Western Rober Calaveras Washles Steller Jay Purple Finch (California?) Red-shafted, flesher Sceloporus California Mule Veles Chickasa. Dray Squerel June 1, 1942 Up at 7:18. Helped do deshes, sta. Jonnie (7. Ogrlvie) + R. Paulson left and afterward, 9:50, mrs. Dunnell & O came up the trail to the Callege nest. The peched some firesete. I then went back down. stayed at the next with short 1:30. While there I saw several Observer, some Sceloporus, and Preturned a samp at about two. In the way down on the trail bt. The new Trail the Water augel trail (trail & Sheep Creek Clane), I care acrass a rattlesnabe; my reason for cleeding in come back a camp, tracker Hear a gor see

the Water Eligil.

M. Redon, 942

Journal

Cedar Grove, 4, 600ft., S. Fork Knight, Free us C. Calif

June 1, 1942

Stayed in camp untel about 4:00 p.m.

and them J. Reeseish & Levent with bridge

We see if we could find the nest of a Calkeope 9

which Mrs. Gunnell reported having seen flugging around there. The presence of a next seemed parter likely chiefly because of the presence of the best that there I year & that the habitat strongly suggested that occupied by the bird have been wately up the true near, baltalders pure the word water near, baltalders pure state. We frust nothing however the west to look at the probininest. There express , Father ready on other side presents.

We did not destreto them ! x camp at 6:00

Species seen:
Dray Squirel
Chickerce
Western Tawager
Purple Finch.
Ground Squirrel
Arlen Eagle
Western Hycatcher (?)

Water Peroce
Water Crysl
Callings Herming bid
Pacific (?) Rattlesuske
Scelopseus gracessus
Caliveras Warbles
White - Herosted Sweft



m. Redox, 1942 Jaureal Cedar Grove, 4, borft, S. Folkkrigs R. Treont Co, Calef. June 2, 1942 Left carry at about 7:35 after having done dishes. Stopped at Robins nest. marker on nest & factier near by in Fis (?) tre about 10 yds from nest. Cance on trail straight up D Collinge nest. Dan nemersa Checkaree en prochple near bredg; saw also graced squerrels pushing serves road. On trail startled a Chiefree which rushed away challering excitedly clos cance across a deer which heard me stamping up the trace and bounded gracefully away Saw Swefts & heard numerous warbless Arrived at Calleague next at shoult 5 min of 8 and stuyed until aleant 10:30. at that him A. Fisher & R. Storer cane up the roil. We proceeded on up together until we were well beyond the femiles of Kings Campon nat'l Pak I within Hose of Sequera not'l Park. We proceeded in a lessuilly fasheron

Mat'l Park. We proceeded in a lessuilly fasher. It stopped to watch buids, sta. along the way, H. Fisher short one Junes (via slingshort) to the two complet several feelopeurs generosees.



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Colar Grove, 4,600 ft, 5. Forkering R. Tres us lo, dalif.

Jane 2,1942

We went sown to the dam & southers

Water Charle & then cut down the

compre side to arrive in pamp of

about 4:00 p.m. Islayed in pamp

while I. De May, R. Starer, H. Fishert

Mrs. Grennell took the par to explore

the roads, and f. Crowly & f. Resich

would to water the Duyls. The day was

overest alchough when we get below

the Callispe next we were quite warm.

Chickaree

Chipmenk

Chipmenk

Groups Squirrel

California Mule Deer

White Heroated Leveth

Wood Pewel

Hamnord or Wright Hycalcher

White headed Wordpecker

Hairy Wordpecker

Stelles Jag

Wighter Rohin

Livery Creeper

Scelopores

Pygny Nedkatek
Mt. Chickadee
Solden Eagle
Peleolated Warbler
Gudupon Warbler
Glack throated gray &
Calaveres Warbler
Drouse (heart)
Red-breasted Neutrales
Visite gran Swallow

Thurst throated
Sparrow Hawk
Collispe Heeremighed
Water Pressle

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M. Redon, 1942 Gen. Grant Park Carep agalea, 7 Fres no Co, Calif. Codar Greve, S. Fook Kongo R. 4.600ft, Fresno Co. California June 3, 1942 arose at 5:30 a.m. & west it get our traps which had been set about a mile west of Roaring Kever among manganita & Sagebruch. Of 20 traps, there were 3 which contained animals, ladutt male Keromysees mani culaties under a manganeta; I skult 9 Perompeus maneulates under an artemeses, she dontained o embryos which averaged aboil 10 mm. in length; and one immalure Peromipeus maniculalus ut the edge of a rotten log. This specimen had a broken skull and so was not put up. We Lunched up & left camp let about 11:00 a.m. We drove up w Hen Grand Park Headquarker, stopping for lunch at Hume Cake Camp ground Then we stopped at tark Headquarkers long enough to make a few purchases. We Then proceeded to come agales. and then Stopping there, we went for a walk to The General Grant tree and followed the trail for a mel or so. De same buck the fui writing note.

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m. Redox, 1942 Seneral Grant Park, Camp Cyalia, 1 Fresus Co, Colif. Color Grove, 5. Tak King R. 4, 600ft. Fres no Co. Calif Species seen: (On route from Ceden Grove Do Park /Kdqu) Western Roben Western Wellflower Calaveras Warbles Penslames Ground Squerrel Painthrees Mourning dore Blazing Tlav Wood Pewer Yerbu Santa Red Bud White - Heraster Sweft Turkey Vulture Ceanochus Black-headed Grosbenk Kallist brush Trum Goldfinch Mangasula Shadbush Unital Alyeother Wild Cherry tox Sparrow Cassin tinch Western Tanger Clip murk Species seen: (Hume Lake Carefground) Blackherded Dersbeak (pair) Cowlind (pairs) Brewer Blackburd Wood Pewel andalur Wastler Oregon Junco Western Rober



m. Redon, 1992 Sen. Grant Perk, Camp Cegalea, Tresno Co, Calf. Cedar Grove, S. Fork Kings R, 4600ft, Fresno Co, Calif. Species seen (Camp agales & warmity) Townsend Solitaire Mountain Chickadee Wood Perver Chipping Sparrow For Sparrow- nest with 3 eggs in Snowbuch) Western Rolin (nest with 4 egg-small ylllow perk Chepmunk Chellenses Euly. Mule Deer Green-tailed Towhere Gray Squerrel Hammond or Wright (3) Hy solcher Red breasted nuthated



M. Redon 1942

Journal

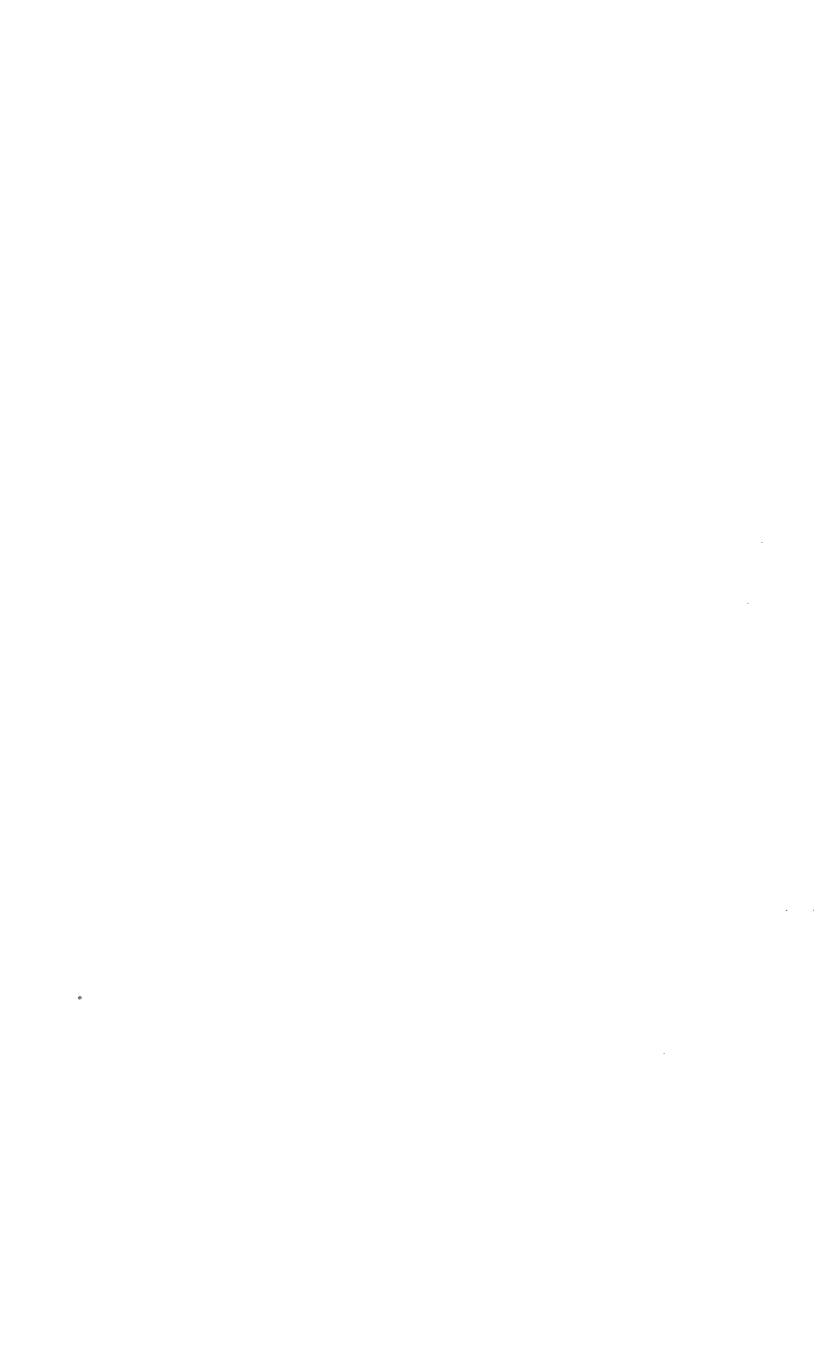
Sun Francisco, San Francisco Co, Calif. June 4, 1942

arose at 5:00 u. m. and set out knewe dealely for home after pleaning somp left Camp agalea at 5:30 a.m. Followed Highway 180 until trems which we reached at 7:30 a. m. I. We may and f. Crowley were in the Joiner's par. H. Fisher, R. Storer, and J. Russick were in the truck, and Mrs. Grennell and were in her car. The all had been befait in Freeno, and left at 8:00 a.m. J. Crowley and I were in Mrs. Brunnellicar withher going W Burbeley. R. Storer and A. Fisher were in the bruck, also going a Birkely, J. De May & J. Russick were in the former's car, going to Saula Barbaray S.a. We took Highway 99 from Freenot followed to to modisto, stopping at merced for a while to fresher upund change. tollowed Highway 132 from modesto W Vernalis & then Highway 33 W Fracy? Highway 50 took us into Wolnet Creek where we had lunch. From there we took the Fish Ranch Road to Mrs. Grennell's home, arriving at about 1:45 p.m. We unloaded the ear showered, and J. Crowley and I took the 3:11 Key System train Wan Francisco. Parrived home at alract 4:30.

Journal San Francisco, San Francisco Co Calif June 4, 1942 Species seen: Western Robin Steller Jay Skeich (smelled) Wood Pewel California Joy California Woodpecker Kaven Char Cottontail Meadowlork Shrike Brewer Blackberr Lennet Cliff Swallows Brush Ralbeil California Luail Bain Sevallow English Sparrow Western Kingburd Cooper Hauch ?! Mochenglus Sparrow Hanth merican Egrif Ked- wing Blackburd March Hawk



m. Redon, 1942 Catalogue Cedar Grove, S. Fork Kings R. 4600 ft. Freons Co, Calif. May 21, 1942 1 00 Peromyseus mauculatus 150-64-9-17 May 22, 1942 exchange 2 9 3 emb. × 11 mm. <u>Peromyseus boylie? 201-95.22-20 32.5 gm.</u> coll. 3 07 <u>Peromyseus boylie</u>(!) 192-98-10-20 26.3 gm. May 23, 1942 Seeloporus grasiosus (formalin) Sceloporus graciosus (formalin) May 24, 1942 6 & 6emb. x5 mm. Perompeus maniculatus 155-65-19-15-23.2/2 Sceloporus gracioses (Jornalin) Sceloporus graciosus (formalin) may 27, 1942 Sceloporus graceoses (formalin)
Sceloporus graceoses (formalin)
Sarter Snake (formalin)
June 3,1942 June 3, 1942 12 f 5 emb. × 10 mm. Peromyseus maniculatus 22.9 gm.



m. Redon, 1962 Scelopreus graciosus? Trail Q E. Fork Sheep Creek, Knip Canyon, Tresmo Co, Calif may 23/942 + - One Sceloposus caught along trail side in a gravelly, rocky, sunny region overreen was and I will rolling truck on the ground. It was caught nr. cattleguard the brund; Ift. from the bad 5- Scelopores graceosus. Caught along trail alrove Sheep Creek Falls. Region ? grantle rock. In trees for about 15ft. esught about 2ft. from their tream triabele. may 24, 69 42 6- Scelophus graceour. Greenglegard caught in palch placey and near paved road i Sentenel Campt old dettroad. Region - Sunny much granite rock & a few rolling logs sloping off from read. Somehow, a whole host of small quata pept arising like a stress from one watting log. This sunch we support a the host of Scelopurus, young and old. However, the greens were leased to saich 8. - Scelesoning pacesses young lyard Dee account under # Talove



m-Redon, 1942

Scelopares graciosies?

Hvaring R. Falle, m. Ceta Berow, Krigh Cangow, Frence to, Calif.

#9- Small, young Daugher near rock in glowed

from shelter and into sight so that if your

kep after there, they are more early saught

than the old ones.

#10 - Caught in hoose, near Roaring P. Falls. Rusley, Anny, region with Some manyenite.



M. Redox, 1942 Peronyseus manieulates Cedar Grove, S. Fork Kings R, 4600 ft, Fresus Co, Calif. May 21, 1942 1 of Peromyseus manieulatus 150-64-9-17 Set 14 traps-county / Desompseus or. Trap ett under manganita buch nr. bredglet Cedar Grove Camp. Buch was in open opase, no trees or brush closes than 3oft. Verylettle grass in surrounding open area: gravelly soil; weether 25 ft. of paved hoad. Maryante covered space about 8 ft. in desnietes, Some dead branches on west orde pleuch. snewed cought in trap on N. F. codge, let. 2 Callle bucheyi diggings-6 & Peronysees maniculates 155-65-19-15 23.2 gm. Caught in camp-in Mus. Themsell's tent, And been feeding on avocado en a baobet. Caughtataliont 11:00 p.m. June 3,1942 1mi. w. Roaking R. Falls King Canyon Fresso Es, Calif. 12 9 5 encl. × 10 mm. Peronyssus maniculates 153-63-19-17-22.9gm. Caught under an artemasia bush Whole region of artenesia & mangenta - sandy 1 of cought in same region werder a Manga-nita. Put up by f. Cerwley. I immisture with skull broken-not put up.



Peronyseus boylie?

East of budge, nr. Cedar Grow Kings R, 4100ft, Frenc C, Calif.

May 27, 1942

2-9 3emb ×11 mm. Peronyseus boyli; ? 201-95-22-20 32.5 gm.

3 A Peronyseus boylie? 192-98-10-20-26.3 gm.

Set 25 braps in region across bridge to

Set 25 traps in pego across bridge to left I road caught 3 Peronupseus boylis; 2 9's, 10°s. One female, poularing 3 embryos, was caught along the east share of the cut flowing and the 5. tok of the R. no bridge. The traphad been set at the bottom of a longle grante boulder, put at a crevice. The second 4, which was not preserved because it had been attacked by auts, was caught in a trap set at the foot I a rotting stump the ground around was covered with drypine needles. The B was caught ender a long with brush little and decaying war saround



Calliope Hummigliss

May 21, 1942 - Sheep's Creek Kings River Canyon Tres no Co., Calif. I flying around in circles busing pretty much in same region. Harla ptreales on shoot; green back First seen flying enle a Holden Vals & between His and a White For, always on the move, perting force rownend on branches then on her way. Suspected weil because of sonstent activities Striging constantly around the sale. There set down from trail & about 15 feet from the tree, set in fock of moderny branch about a foot from the edge of the romalex about 3 ft. from mon trunk, we sow a next. atchange she hovered constantly about it, she did not go very near at feat, merely flying aragily about, then stopping a 2nd in the air & there Legiting for a second on a top of a ranche & again on her way. Tenally, she after Dr. Miller had sighted the next, weil & seemed to look into . Heen she grew wore confident to loutet pat a few moreauls out it, facing Les Corte tends When she came Toward the next she would first fly from the tree to a douglass For about 10 feit book on the same side of the trul I then ent one ducity opposite the ree in which the next was contained. The would then, when someone approached new directly, fly around region of next and as soon as intruder leaves take a circulos course back to the next This contoured



Calliage Hunninghard

May 21, 1942 - Shupis Creek, Kingo Canyon hat & Freamo Co, Calif. 2 eggs on to with heat after reaching tranch where nest located, and ziggarging find to one side brewber centre finally shewould circle under the Dender She Dender She would circle nest she would some under it & then seem to step over the orde & neverly settle wit. Twice I thought she stepped out the sake of them ento The keep, destring just a fraction of a second of the edge of it. Next setuated in such a way as whe protected from view by a screen of leaves, and yet the level setting on it sould look around her. any move ment down the fathe would seed her from the nest. The stayed away only until she thought danger fairly pleas & if we stood associated long mough, after several false moves in the desection of the next of then circuttous fight away, she would eventually take her zig zag parte to the nest. After we had disturbed her at just, she was stell a little continued would resulty stop a second at the edge of a time galacet 2 feet below the nest and a fortor so long, This was a have living & one was very conspicuous sitting and However, although while there were people around the would play on the nest only a few seconds at a time, when so



Callege Hunenergleid

May 21, 1942 - Sheep's Creake, Kingo R. Conyow, France Co, Calif one was arrund, she would stay There pretty consistently. Usually an involuntary movement on my part in chaoing flies away sent her from the next after perhaps a menule or how. after everyone was gone I could & menute as the Length of one stay in the nest. She flew of the Douga Fir inback of her - could not see her after that and relieved in about 3/4 min. stapping a moment on The small linely previously mentioned and after a stop just under the branch, a queck turn over under & over into the next. Time in next = 3min. Someone's approach frightened her this time, Hesteliera coss observed after a great deal of ziggagging of ceraling. It was remarked that regardles of the side from which the new word approved she always entered it from the same way sede; That away from the pach. This time after her slop on the travelle below, she went away a the other side of the branch of this time, approached from the other direction their not completing her sweep under & over to the other side of the next we changed position from one side of the next to the other of on her return Dithe next, sho Jacob whe of us moved park after a little, she entered the next of faced the direction of the one by blown she had last heen forghtene?



Colleague Hunninghurd

May 21, 1942 Theps Creek, Kings P. Canyon, France Co, Calif. We could see that each movement or sound from one of as would cause her to move her head bed from side to rede. Indeed, such move, was a Acaraelas peraeplible jerke of the head. She was frightened of again & then she returned, perchang again on the little branch below the heat, & then flyring in again with 2 zigzago. No of in sight at all. heat seemed protested from sun with over-hange leaves. Moving hotelook backer forth yielded side to side head movement. also with movement up of down # slight fire off = 32 seconds On = 30 sec. Then off. seen in tall, openely leafed and belief the tree in which nest setuated & cleaned her vill & preened. Then back wheel, foreign is still. None four down pall I off neil. Then people come Dus, she flew back on, westelingthen, head turned with sye on them. They moved up trul again she lift nest; then she came tack again with heat turned + reglit eye on them; a movement on our fact how led to olight head movement. They were red of right Then a movement by us yellded no movement on her part; her attention was apparently on us

Sitting on nest. Watched forabout 5 min. Did not Mone!

-£f. •

Collispe Hunningbrid

Cedar Grove, A. Frik Kings R., Fren no Co, Culif., 4,600/t.

arrived at 10:10 to the sile of the hummer's nest, It was impossible to approach without disturbing her. The returned to the nest wathout in about 5 min., afterfirst flying in a sweft cercle around the nest tree and the going to the and larger outs in back of the next. There, she perched on a branch shout 25 ft from the water, settling about four feet from theink of the + world her bell by drawing it along the branch and fluttered her conego a few temas. Then, she flew to the tree Conother onte, this one with lessefust soming out and out the front will on slopes to for the ground for a second. The lew to the rest tree, finally, first zigzagging under the branch which holds the next several times & then flying around the tree, and then bask with vecently of the next, a few more Jeggays & fenally tale the nest, This time she appeared in fly in, flutting her wings as she settled there. She pat facing me, i.e. East. I brued her stay as eight num. J. Rossak sorrex up then, and the humerer flew away. Stayedfor agen seconds, checking the tree, then stilled one a branch is the sale behind her, this time at about the level of the next, about 35 r 40 ft. above the water & agricin flutteres her weept preced, scruteled with one foot, zigzagged under the link of antired (stepped) critable next. a second or

so later she flew of & returned inemediately.



E. Fork Sheep Creek, King Campon, 5500 ft, Frence Co, Calif. Coder Grove, S. From King R., 4, 600 ft, Frence Co., Calif.

May 23, 1942

This time she fixed for Russick who had moved on up the trail. a second or so later she left the next, flew under the branch of outered the next, always from the same side. After about 2 min. J. Russele stord up; the humminghed left and about a sommete later was again in the next . If I know its world closer to me; hunimer set with head burned & beate printing sort of between us, apparently watching is with. Sun now starbeing near & helting wird's breast; neck I held in shade. Hummer sta 8 min. moves, possibly because of a tor noty gestive on my part would my field glasses. Letwerd after shout 12 min, this time without Jeggagging & mot stepping duedly into rest from the same rede so usual. Sito fairly erect in rest work entere head usualle. Back held often at slight angle to from the haring ontal Sur now no longer helting nest, and be seen to jack head very slightly with a sudden movement, & quite noticeably after a sudden more apparently from the one of two persons on whom her attention has not been franced.

Digraw indesting rest location -

True = on slope + ment = accused aliver

see that new = net out with know the bearing it down. Nest a 3 feet from brunk 2 1/2 for from and



Redon 1942

Callinge Hunening brief

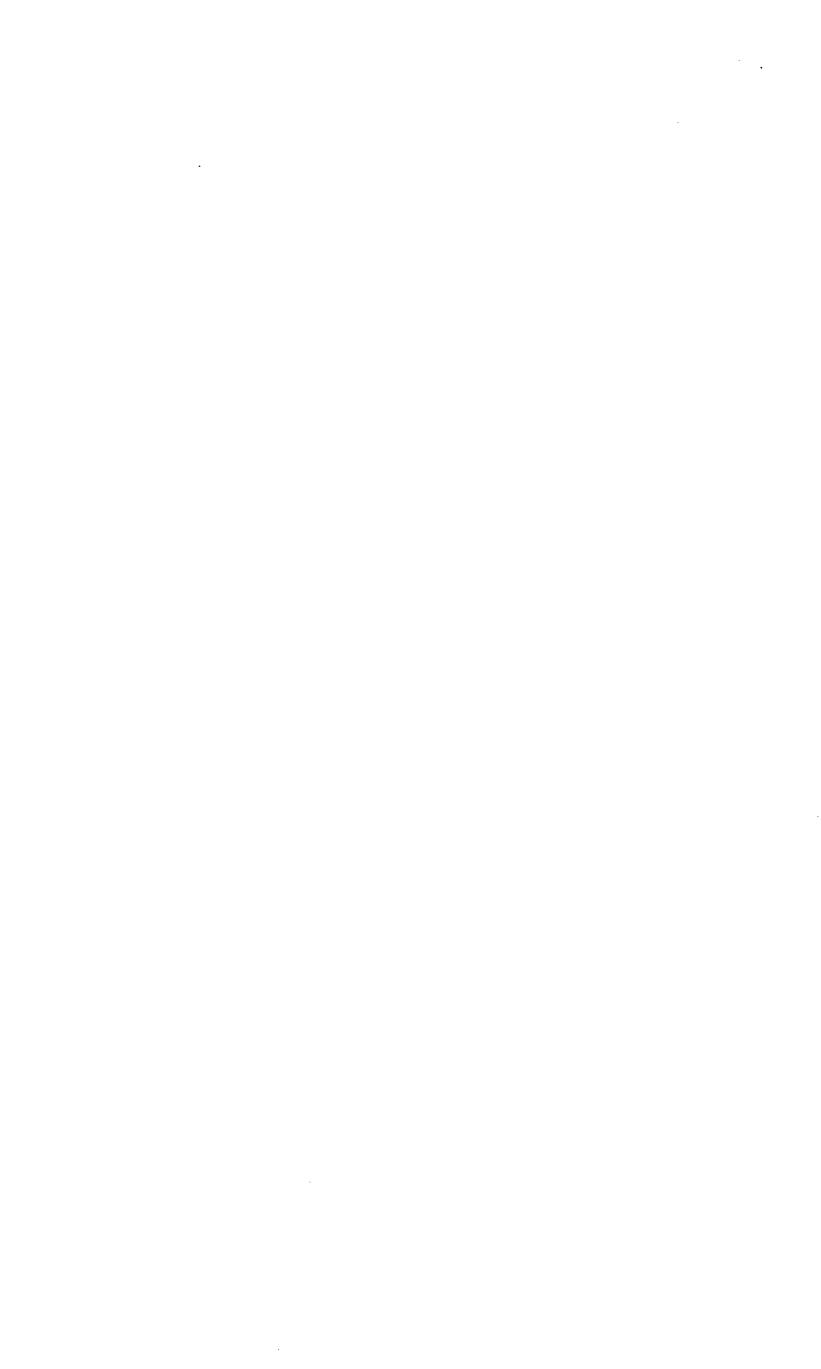
E. Forh sheep cheek, King Canyon, 5500ft, Fresus Co, Calif. Codar Grove, & Fork, King P. 4 Lus ft. Fremo Co, Calif.

may 23, 1942

Seen to remove 12 minutes on nest, harry steering. Feel head movements only indications of movement. Unable to see where she went, but relierved in about a munite, this time going ductly to next without zigzagging and fucing south. apparently, this time she left without being flughtimed and although we we within her live of vision, she det not set husself specifically a watch us; no ord she heartite in approaching nest as she does when she has been frighteened off. Stayed on new 5 minutes. Her N, 4 en circle; perched in vaka few limbs (4ft) alrove next, down before next & into next from usual sike, directly, mode zeg y ag- petiever I's new. Noticed once when I arone, first Slow, careful forward movement did not alarm her, but reoverents upward, which brought we have the nut resulted in her flight. Left once for about 2 munita (result of my arm reovenent?) & seen in oake to the N.W. cleaning her hell on her body and on her the branch. Elien & that twee included a Cutte heatstrone in gelling to the branch but once there, she stopped directly and the next, not actively fluttoning her coung this time, but hereby adjusting oben as she stepped.

Every eingle move on my part resulted in a little jerk

of the head on hers.



Redon, 1942

Calleope Hunninghed

E. Fork Sheep Creek, King Causon, 5500 ft. Fream Co, Calif.

Changed position to the South East side of the since I was growing very very cold. Hummer flew aways canceleach shretly, with one zigzagunder the brauch, sat facing the NEast, one eye termed on me. From this side, the next is heat disquest. by a screen of leaves which do not actual hide the rest, but rather serve to disquine it. The bud's gray throat blends beautifuly wit the grey nest & who mully structure of the rest, as well as its incoms presus grey color make it blend with the leaves. yesterday, when I some up here, I walked right past the nest teach line one looks frit it is necessary a get ones learnings and start from the trunk before being able to find it at 11: 25 the sun had whifted so as to he concentrated deriotly exposithe rest. Sot on rest for nearly a half-hour. Unfortunately, I was not know exactly how long the this there (11:15-11:45) Sun shining fully on rest & mother Rack in a few minutes alway 1'2 minutes).

Calliage Hummungberd

E. Fork Sheep Creek, 5500 ft, Fresno County, Calif.

may 25, 1942 arrived at Callinge next at 7:36. Beed setting on nest and apparently undesturbed by our approach. Eggs are obviously not hatched or she would not sit still so long. Sun is now creeping over toward the nest. I worder if she well feel free a leave if the sun comes enter the nest. It is fairly cold this morning and she shows no desire as yet to more council help but contrast her appearance of her next, work that of the Kolin. The latters nest is much skallower than the Callespes, speaking relatively, of sowing the robins head as not projecting as for from the new as the hunemer's & have seen To keep their beak's est about a 30° angle with the horzontal The bed rememb on her nest until \$ 7:50, should 15 menutes

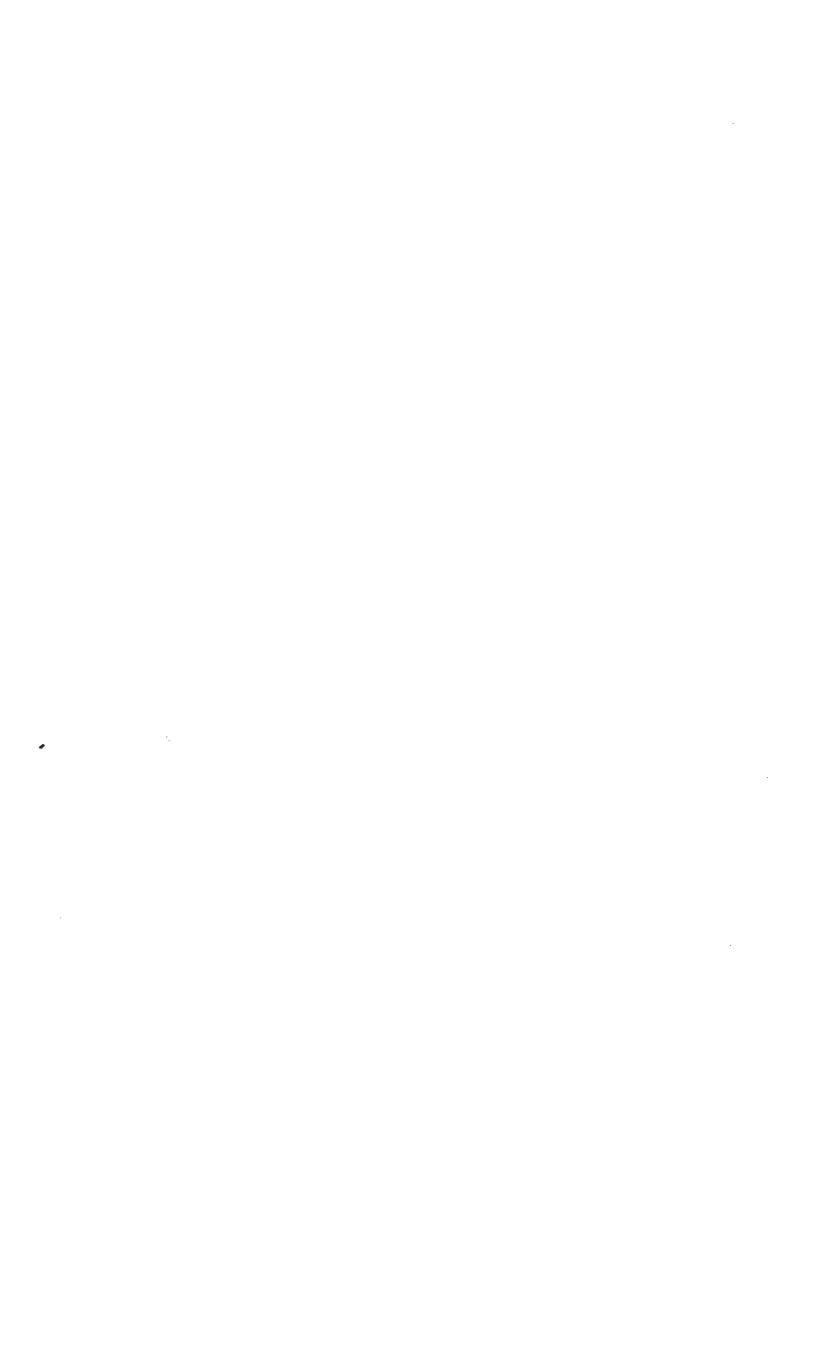
Then flew off for aleaset a menute, Her return was made with a

stop on a limb on the East side of the thee, about 4 feet below the nest. She sat

for the limb for several seareds, as the sotien

tip and wind her back to one. She strugtened his wrongs ar litte, and then

sworped directly suround, under



so as now to disturb her.

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Redon, 1842

Calleope Humanglind

E. Fack Sheep Crock, Kings Canyon, -for Frems Co Cief. may 25, 1942

I figured that if I stood, the move mix would give the impression of an approach a the nest, so I remained crowching. as & got down to the punt where I was too low for her to see me alrove the source of

She defencely stretched has neede so

as to be able to see. Teference to the diagram may clavely our respec-

twe positions. If I represent the

leaves of 4 the human with X me sliding down the slope, she would

not be able to see me at point & with

out sketching her Wale the distrince Hy so us to make her live of vision xy.

Stayed on her nest for about 15 min.

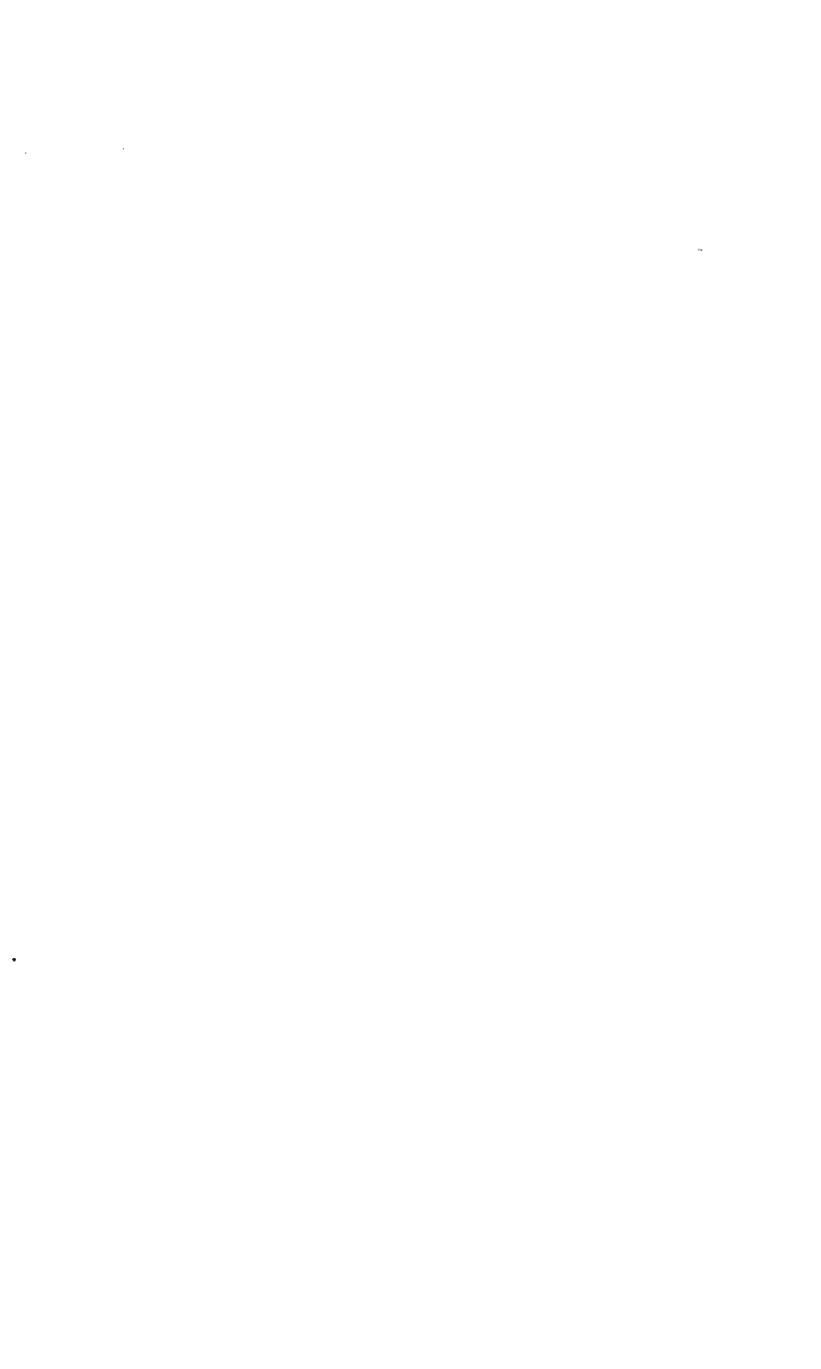
Saw her fly East; stay away for shout I min

returned to next from S.E. and of lar a few

Jeggags, perched on nest edge & premed,

sunning her bull there the feathers ? her breast; then she supprehend the west

& sat. Still routh a sleternine



m. Redon

Callespe Hunemenglind

E. Foels Sheep Cecele, Kings Congon, 5500 ft. Fresus Co.

May 25, 1942 where she west. Sot with her sy or me Www setting stored a little Othe Ears of South of the nest) Ther beak pointing a little tast of where was sitting. She stayed on The nest about 6 min. fter, hovered over nest a monet and flew 5. 2, and then made an are which look her Northwar. Returned from N.W. & sat minediately on her nest, always externing from same direction, was away roughly 2 min. Cureously enough, when she sat down this time, she began to move her head back or food from about 3. a S. E., her beak at alwal in 60 angle with the horizontal. She kept this up, moving her head about once every & seconds, for about a munice then supped of stat quetly once more. Was she witching frome food, or ded she see some sign of danger? Sat on past about 8 min, left while . was renting peoppeared sew, numin later to the that New, Six about to feet up from nest in older tree (3) and then morel to limb ato in date elimino 2 feetabour nest. Lotifn a seemed

looking around with site &



Cellingse Humanafind

East Free Sheep Creek, King Conyon, - fotresus Co, Cily"
May 25, 1942

Drest Extred pande sede. Facing alutte Wes, eye still on me. Jerkeneng hallwriting is due to the fact that et is very cold setting here or unwarmed raches to I have tree for over ar hour. My hand, in spele of warmorden millens are almost gettet frozen, sehervere all goes well. To date there has been no segn of a male, Female, has not uttered a sound within my know ledge - Tot on nest about 12 min. Flew off sa dutte Wof Sand & came in W. north after about 2 min. Souded on two brush about 1/2 (tweet of new for a moment, fluttering wings, lunded butwigations agreet to safet below that for a second & lunked around Hun fat in nest. Sat for a 1/2 minu or so ferkinghead pretty reg. from S.W. Will. beach agun up at alway 50 angle, not as high a last time. Personning before landing menully on bore know or have end of limb.

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Callinge Atremuning bird

E. Fre they creek, King Congre, -ft, From Co, call

Stiged on next what I min & there fless strught toward me (a few degrees E. of I.) and sureved Eastwork just then. Ceway w total of about 3 min . or so. When on next, again by gon alvoke from siteld side with furly every jerles, beak at congle of alund 60° with haryontal. 9:07= sun is logger directly on nest, leaves forming sort presen. Theps site to sede more ment up for at a would feet 30 rea. Thought she might be soutating for enects; if so, why does she stop after a few seconds only & prot set still? Lift at 9:05 for a few minutes a start my oursulation flowing again afraid I would become congealed when april.

It must be observed that the tenier given on or off the nest are only approximate, I had no stop water & was using the number hard of a writtenator. Tinces obtained were;

on nest -

7:35-7150= 15

7:51-8:00 = 9

8:42 - 8:54 = 128:66 - 9:01 = 5

8:03-8:20 = 17

8:22-8128= 6

8120-8:38= 8



Callerpe Heenenezglund

C. Fork Sheep Creek, King Canyon, ft. Fresnoco, Calif.
May 25, 1942

Ceway from nest: (very rough figures)

7:50-7:51=1 8:38-8:42 = 4

8:00-8:03=3

8:54-8:56=

8:20-8:22=2

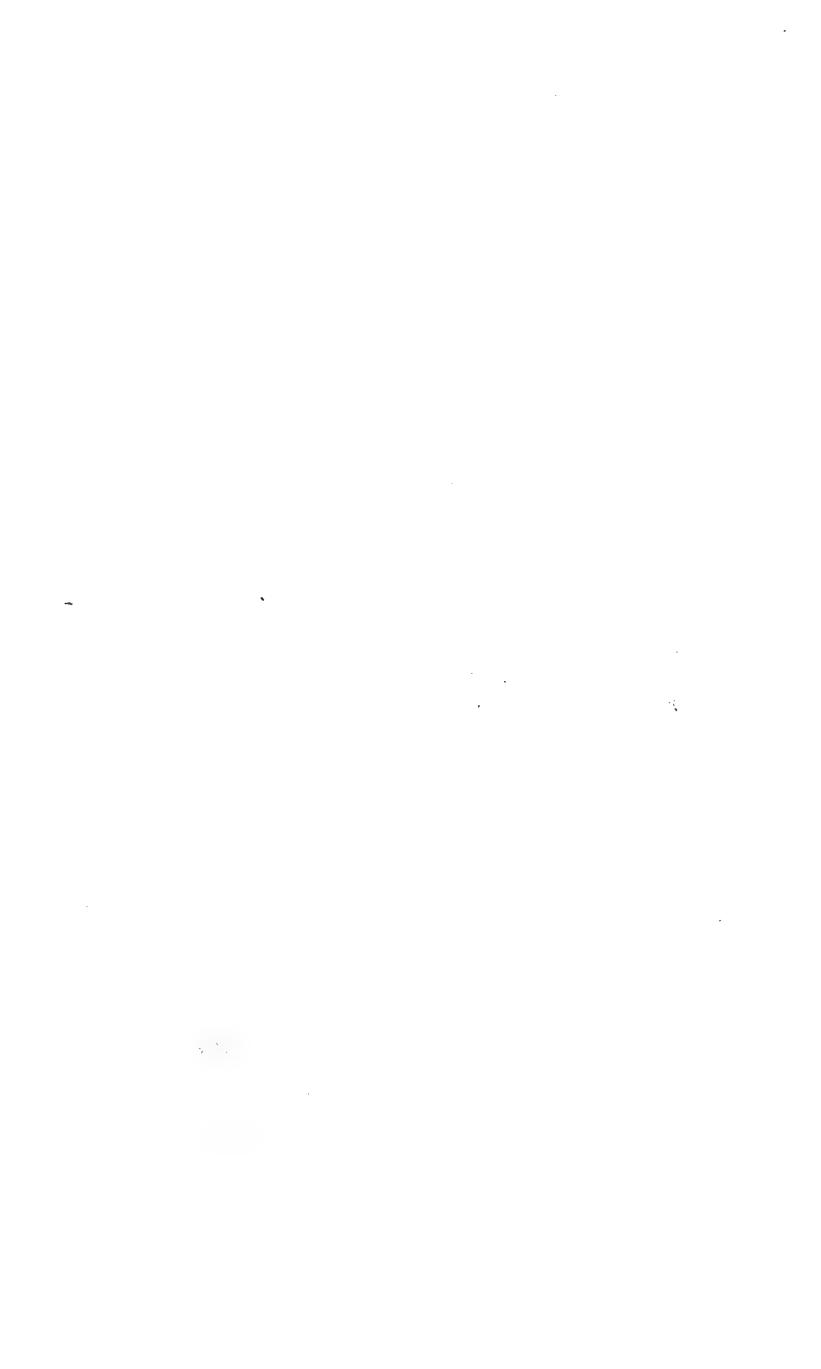
9:01-9:04=

8:28-8:30=2

arrived at region of nest at 10:57. But of nut as we arrived & because of our presence, his tited a lettle about soming onto neat. She finally same leach onto next, stayed, however, for but a second & started pluttering about again. I det not wortch her for awhile since was livey with some notes. Deaded Decrel for a possible feeding ground for her.

Hunted around quite a let and could feed no defente place which was the had enough flowers to suggest a set feeding ground. Thypetohere presence in vicinity suggests presence Vinsecto (?). ou a Solden Eagle overhead, but was not immediately near rest of flus could not see the effect, of any on the Humer . Ot 11:30, I da We may some bule down and we ate him in.

The Dixons came bados & mr. Dixontorte picture of the dummer & rest. Shortly after two p. m



Callupe Hununglurd

E. Forle Olicep Creek, Knig langon, Freno Co, Calif.
May 28, 1942

My 28,1942 The Henninghuid set quatty on the next for len or fifteen menutes, arose when I got up to get out of the sun somewhat. Was gone for a minute or so and upon her return, perched on the edge of the nest, same side as that on which she always get in & stuck her long beach down ents the nest, what the significance of the gestiere was, I do not know. after a few seconds of this she selled back onto the new. The appearance of a level near the next, 2:30, council the Suremen to fly out & chase hem away. Hus was a matter of only a record and not a pour was retered by entres buch. I was not alle to see the intructer 20 quiddy was the winder over. The Hunner flew ommedentelenck with her nest. & settled down again, she did not cuscum avegale the rest several times before onliving and it so is here habit when we are the one who intende uponher. She burd was a facily small one & not a Cend of prey, Passelly a Warder?! Slayed on rest about ten menute of then flew off heading NE and then circling till she was healed NW. She was linck in a ven for secondo, comes see her bend bern



Callinge Heenengherd

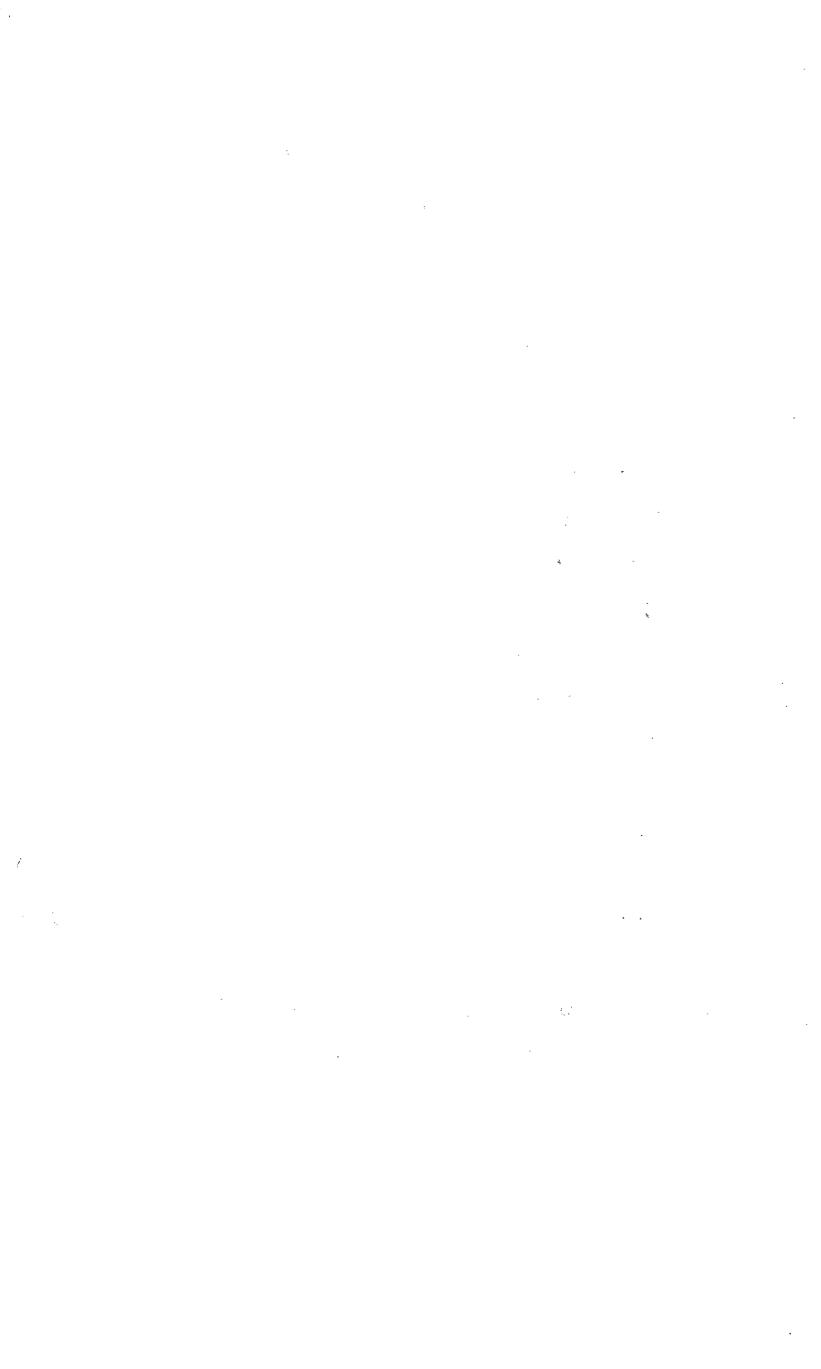
E. Fosls Sheep Creek, & Knip Canyon Fresus Co, Ciep may 26, 1942 occasionally as the satis her next & often, sould see ensects grly. War she chaving an ensect! Stuyed on red what & muite, left with a short circle ceround tree + seeve straight down & northward. Some about 6 minutes. Upon relieve and from north (128 seen N. Jueis) flew W llink on class about & flet dream & 2 ft. Whe West of the next. Seen setting here before. Looks around (sit near early of lund) & Then I Straight into next. Swent or so of orde to weak head me converte, facing me again (I had moved whele she was gone) 5. E. Stayed ou rest eight menules. Left flying straight toward me and sevetaling Idrection about 21/2 felt away. Could not see where she went returnatelyreturned in about 3 men. and, after looking around from some twee as that on which she was perched before; she percha on edge of nest (same side as usual) and seemed again to pole down into rext with her bull. Staged on next for four minutes, still focus me; left for aliant 6 minutes (could see nothing



E Tack Sheep Creek, 5, 500 ft, Kings Campon Fream Co, Calif. en the next) and upon return settled directly down in next. On for 6 munutes and then gone again for 5 minutes. agree = desetty on rest. On for 10 min. and then gone for about a minute. Went again directly to nest and then there followed the side wo side movement of the head ! Con nest for 4 minutes and then = roff is South West - Constant side to side head movement. Off nest about a minute. Then, she perched on edge of nest and downward jab of beak. Sort of pumpingholding beak straight down and then pulling up & Tulls up finally, and then settles very quickly down. I could still see nothing in nest. Derection varies each time. Thew withe S. W. I missed her return due to an interruption - several times there was a gust of wind of the birds head moved excitedly from side to side as the brund on which the bornel nest was situated sweing back & farther Slayed on next I munites & there flow off - peoleslely disturbed by

m. Redon. 1942

Calleope Dunungherd Etack Sheep Creek 8,500 ft. Kings Canyon France Co Cely. may 28,1942 lysound of voices coming down path, Dack on about 12 minute or less. Un for aleast 6 minutes and people's voices coming down forth of the Dunmer was off the nest again for about a nimile as people prosed. Watched cautionsly while she left need 4 then treed to please up to see if there wissamptition in the rest, could see nothing there placet as she since up to feed the birds which I had deceded must have been the nest, Then, as the mother cance up to her nest, I could see very faintly what appeared to be the round top of a small head. I went down to comp immediately and met I fe May - who suggested that we might be able to see within the rest with the and of a merror. We rushed to parup of found a merror which we took up with us. With a little monerouring, we saw inside the red (nother Denner fluttering about conviously). There were I timy blookleings wal brost vrange beales, quite short, and wide open mouths. Les sould find no shall frequents on the found.



m-Relow 1442

Callinge Hunninghan

E. Look Sheep Creek, 5, 500 fe., King R. Congra, Frems Co, Oly Juliny may 28, 1942

2:28-2:30=2 ow

2:30-2:40=10 0

2:41-2:46=5 on

2:46-2:52=6

2:52-3:00=8 and

3:00-8:03=3 of feeling

3:03-3:07=4 Un

3 207-3:13=6

3113-3:19-6 on

3:19-3:24=5

3:124-3:34-1010n

3:34=33[=1 Off

3:35-3139=4 on

3:39-8:40=1 of feeking

3:40-3:45=5 on

3:45- : 074

(7)3:52-3:59 on

3:59-4:00 M 4:00-4:01 on

4:01-4:02 91

4102-

Distarlie by people.

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E. Fork Sheep Creek, 5.500 ft, King Canyon Edar Grove, 4.600ft, 5. Fork Kings R. Frenco Co, Calf.

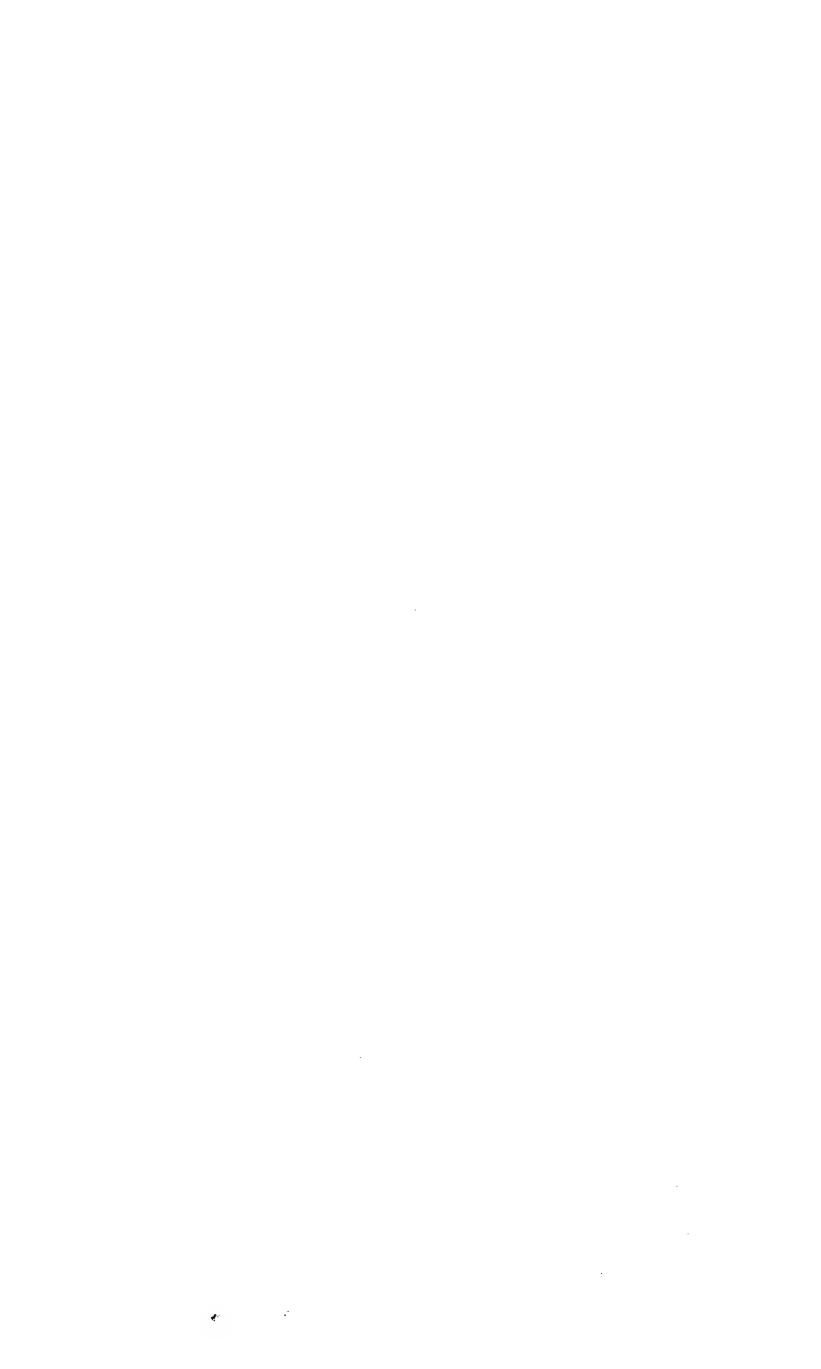
may 29,1942 at 3:50 on our way down from Sookout teak, all sis of us slopped on on the Callerge Humanghind. She flew off at one approach then, after afew munutes, returned to the nest again However, we see sat a subsequent movement of one of us, resulted in her leaving the nest again. We all sat down along the trails she returned to the nest , She sat facing us, the fine girls, (S.E) and Mr, Llison was about 15 ft. up the trail, He arose very quelly & moved a fact or so closer to the next; she apparently ded not notice this; must have been watching us rather than here They left me alone here at 4:05; she was already off the next when they left of did not return for five minutes after that, On her return, at about 4:10, she sut ducity on the nest, not feeding the nestlings. The quek side to side head morements followed for a few seconds Then she pat fairly smietly, although roans or nietly craking her hend to one side so



Calleige Henningher

E. Fork sheepereek, 5. soof Kings Conyon Fresus Co. Calif
May 29,1982

The made no move to feed her reselings during this time. The sat on the nest for 15 minules and was gone for 2 min. Un her reliern, she perched on the next edge and proceeded to gate her beak down ente the nest rather gently, and then Dague several up und clown fales, sometimes after the last pol, on the upward jerk, she would pull ento view a small part of the resetings beak which was around kers. The alternated from one sede to the other (judging from The position of her head as she fabled into the next) - going three times Weach side Blevier each side, she would open and place her beak several lines (The tip or nother 3/4 from the total lashed dack & shing as though wet) and whele she moved her beak up and down, her throat would move up and doron. after completing her feeding, she sat down very our fally in the nest her movements being much slowers none Soliberate Han they had been before.



Calliope Hermingland

E. Fork Sheep Creek, 3,500 fr. Knigs Canyon, Fres wo Co, Calif.
May 29, 1942

rest for awhile I decided to envising the agree us to the presence of egyphells sender the nest made the white rock under the nest made this task unusually difficult During my search reader the nest, the auxious mother flew constantly back & foot, to pudge from her shadow which would from one side to the other which whire of wings.

4:10-4:25 = on nest

4:25-4:27 = Of nest-feeling

4:27-? (desterrlied here by my searching under the nest for possible lypshells around

arrived at next at 10:55. Hunewing beed not in siglet. Climbed on log and held musics the next. Nextlings more had a fine gray clown, about 1/4 pan eich (3) in leight. as I was looking at them. The morbor pame of noturably was quite worried. He would fly from branch to transh of the next truck the weller which it. The would whis right past my face with patter preparing



m. Redon, 1942

Callinge Henninghud-

E. Fock they Creek, 5,500 ft, Kings Canyon Frons Co, Calif.

speed & derectuess. I moved several feet feeter seway from the next - now she hovered alwest the vent, seell not going in. Finally, I write. drew from huy look and then sat to the NE. She same over almost immediately & said drox. after a few seconds upon the nest, the colinged about from place to place around the next tree, stopping in med-eur aleset Aft, from the ground for a full second, then prking upwords several feet and after a moment, plunging en another derection, Without being for an enstant out of my sight, she returned, percled on the edge of the nest, and began her downward gales. Hist to one side - several Calinic 4 jales + are represent full of her beat. There to the orter sele - several downward jobs and again the apreard pull of the beale, beale to the first side with two july of to the secondwich several John and there quelely settling down. Sat down for minutes. Hew not out honered around for awhile, Back in aless the menales In anger all the time, but down for alrows Hux followed the feeting desarched above. This time



Calliage Hermingherd -

E. Fork Sheep Creek, 5,500 ft, King Conyon, Tresus Co, Calif
May 30, 1942

feet from the next (leelow) for a few neincets, several looked arend and onto next.

She sat on the new for a very short tening purhaps a few seconde & desappeaul for a Short tinis. Upon her seturi, she fed her young again, perchingalways on the sauce side of the nest, The fleding movement envolved I long downward jab - then her beak, with a shinis, tolocho-looking est, was pulled back up: She made a jab somewhat to the side of the other (Ind neathing?) and This Job was accompanied by premising movered of norther & slight up & down jurising of the morters beale. She roused has leak & peenet a swellow. Then she moved her head from orde to sicke trouch beade Otill points downword. Fruelly, she fru a last jak of the same region as hur first of souther on to the reit. She seemed to more her treat four word + down, then with a plight jok to let loose the stagether west. The sat on the nest for some hunts, was gonefor three rente. The art for a few seconds



Callergie Hemming bod

E. Fork, Sheep Creek, 5, 500 ft., Kung dangon, Fresus Co, Cely May 30, 1942

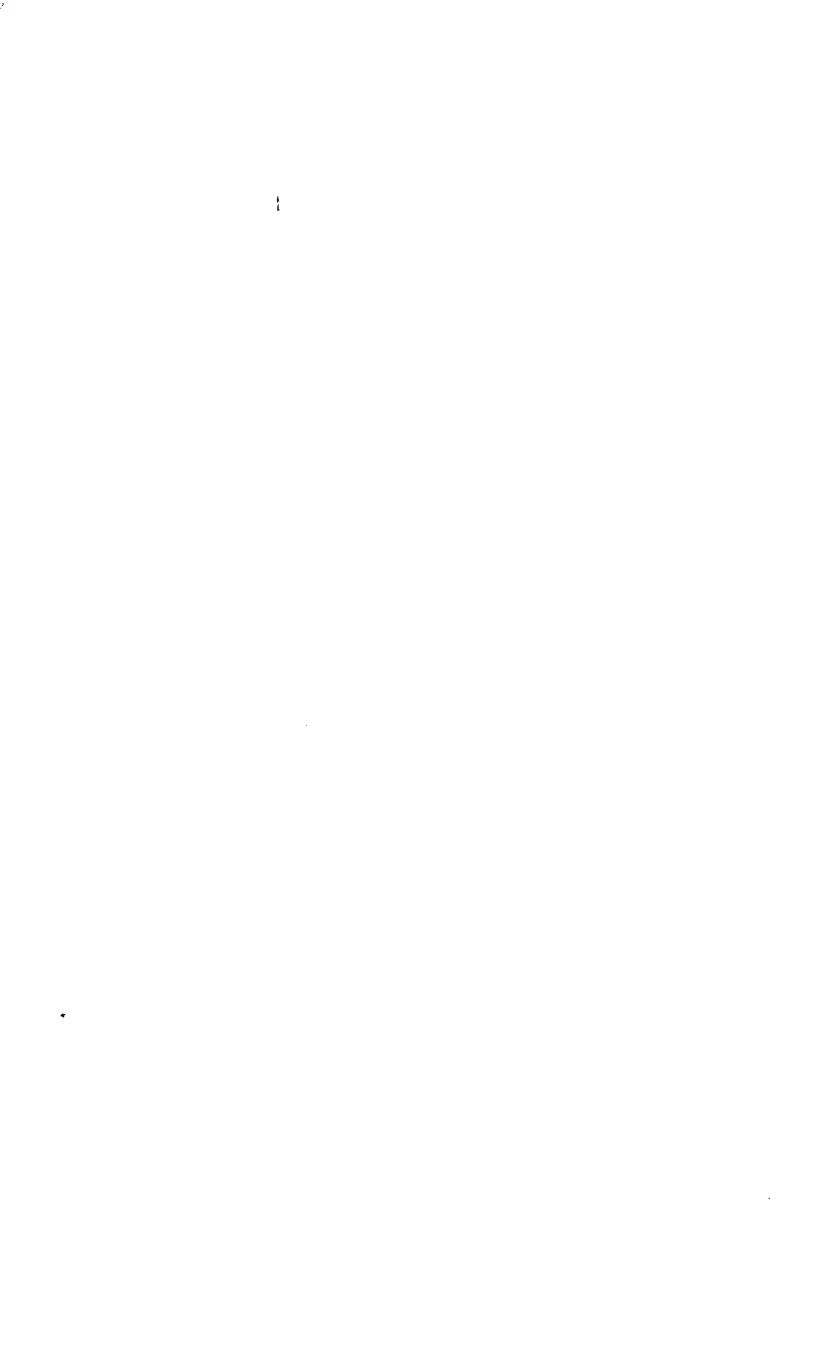
May 30, 1942 on a branch in the alder to the NN of The next true about 6 ft. alrove the next & planet her beak carefully on the lines with a motion first to the left of them to The right. She then went to the nest, first slopping for a moment or her short Cembe lubow the nex Wlork around her, & Then cance upon the next - without feeding young. She was on the next for for about two mei. Hers of for alist armice of Then was on for 2 never nevilles, she lift the west for three menutes, returned writing feeding young. Lott fular berbend from orde to side as the was seen doniglefort. The was on the nest for 3 new of then flew off Reluxued after 6 minutes, pershet on the nest sedge of fraction with her healest then followed some primping ou her find which, however, resulted in only a shiply up of down nievenest I har beat. The repealedlis movement on the same site often pulling her weak ant i Thun ola shretter to the other side & repealed The same motions. Her same broke to his right other to her lift again.



Callinge Hunninghin

E. John Olies Creek, 5,500 ft., Kings Canyon Fresno Co, Calif
May 30, 1942

She sat on the next 12 menetes entil 12118. Hew off ind was out of sight for a few moriedl. Then she was seen deaningher head on the alder tree. She flew from perch a perch on the alder, inthe Tolden Wat I so on cersendas Cet 12:21, she flew back onto the rest without feeding her young, the sat on the nest znew (12:23) and then was off. as 12:25, she suppared. First shiperabed on the South Sede of the nest (12 limi she has ever been on any lewthe "and sede" and statted to feed her young. Nowwer, she fulled her bear up and slufted positions to the tost ange of The nest, her usual place, and proceeded to fud the nestlings. This time, she gave a dronward fak , ucherg her mok & pumped quite feroususly her feet apparently weet tracer Jayanso the nestedge. Then she raised her beak of seemed a lean over the pide (N) of the nest; then, she jubbed a little D'the right with exactly the same pumping notion and once more shihere down over his young - She sat quile oull for about to munter of then was off again. The was sompletely of sight for bonnettes, the per relieve she showed deadly A the hist of seet directly down. The made no move Died her ruskings. This was the frost and She seed bouch.



showed before

Callispe Hunninglind

E. Look, Sheep Creek, 5, soofs, Kings Canyon, Fresus Co, Calif.

May 30, 1942 She sat quietly on the nest for about Frommeters Then flewiff, remaining away for alout 2 minute. On her return, she pirched on the West sete folle nest again and proceeded toped her restling The Henest her beals quite for down appointly, and in the course of her presupering would pull the Agoing pends head up, so you could see his yellow Out much paler than the furt time I saw it and round hear, belief up & down. Ale federal alcourt of teries & seemed quitte brokens about it this time. Then she haved over the nestings again; Instice that as she fulls deer breat forward, she is apparently still slutsting the next cape, and she julls her neck down & forward so that her nich and back form a similar fine. The does with pull her nick up will she is safely octiled on the next and, flexiting her wrings to willtry hertail in the from of settling known. after remaining on next on min., she aft. Kelunce in 5 min. and fed your f-lack about 3lease no sign of of three all the Look time of for 5 min. House her setting ownest at 1:13- my position was more SE great (nearer S). Eeft next for 4 minds Kelund did notfeet going, out from see & Leems Done that more The bustohow alive next edge now than



12:46- 12:49 =3

12:49-12:54=5

Callinge Hereneighed -E. Fork Sheep Creek, 5,500 ft, Kings Canyon, France, Calif may 30, 1942 Table sharing time on & off next & time of feedings. Sat on next 11:17-11:24=7 away from nest - no feeling on return 11:24-11:26=2 Un rest 11:26-11:29=3 Affnest - Fed neetlings on return 11:29-11:30 =1 On next 11:30 - ? Offnest - Ted nestling ou return ? - 11:38 11:38-11:46=8 On rest Offnest - pleased beck - ne feeding -11:46-11:49=3 an Mot 11:49-11:51=2 Offnest - In feeding 11:51-11:52=1 an next 11:52-11:64=2 Offnest-mifeeding 11:54-11:57=3 11:57-12:00 =3 On hest Offnest- Ted young on retin-12:00-12:06-6 Ou nest 12:06-12:18=12 Veak or alles - no feeling -12:18-12:21=3 On nest 121,21-12:23=2 Offrest; fed young -12:23 - 12:25 =2 12:25-12:31 = 6 on her 12:31-12:37 = 6 Off - m feeling 12:37-12:45= 8 Un rest Off nest - futing 12:45-12:46=1

Un rost

Off- no feeting



m. Redon, 1942

Callope Heenenglier

E. Forde Sleep Creek, 5,500 ft, Kings Caupen, From Co, Calif.

Table of feeding, etc. (coul)

12:64 - tool 1:0+=10 On next

104-1209

= 5 Off nest-det restluge om retien

- movement to S.E of next & light water-

1:15 - 1:22 = 7 Cln nest

1:22-1:26=4

Offnert. hoferding

1:26-1:35-9

Charles Vradenson from

1:35-1:38=3

Offrest - Fedgying

1:38-1:39=/

Ou rest

1:39-1:50 =//

Off nest-nofeeking in her return

1150-1:57=7

1:57- I treed now to look and the

nest - but flew about willy

Summary shows that in this. and 40 minutes morther Jed young Thines.

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Callingse Keeningbied

E. Fork sheep Creek Knigs R. Canyon, 5,500 fr, Frence Co, Calif.

Cerrived at delegge nest at 9:55. at 10:05, she was setting on the next. Timing proceeds from that time. The was setting fairly erect in the nest; Une could ske about linch below the bottom of her black thesat markings; facing S. E, appeared 3mis. Later, from NW. Thew derietly into rest, no feeding Dyning.

Facel NE; sitting stronglot - no order to sede head move
for few methods ment observed aftershe sat on nest. I should use here that she was off the next when I same & sumed today to be little distarted by my prestuce. hot so struglet in nest this time, only about a quarter unch A breat below bottom of black throat markens vearble Ruppesud after about 4's min.; sat for a second on high branch (about Ift. alcove heat) of alder and cleaned bell on as bare limb, evering it with side Wrede head movements on the banch; Then she moved to a branch in rest true, about 2 ft. alrow next; sont at tip of this branch for a mornest; some down stopped in medin pidment line with next & about a fost away and then sottled on next edger fed young. Each seemed Shot she altered falternated from one to other; I am mi certain of this browever. She jobbed down into offoprings month, action a project forther alleve met edge in feeling mus, and junt neck arched, would

Celevie Aununglin

E. Fole Sheep Creek, 5.500 ft. 1?], King P. Campor Frence Co Caly

pump up and down, preserving her balance with slight wing flutters. She settled again on the nest in the workward fashion which I have observed his Duse sense the eggs have been hatched; This consests of pulling her nech out with head down for balance, & then sliding her body onto nest with several jurbes. The torge at her every a little & there feels fourly well settled. His time she faced almost den South as she sat. Lat on next 6 minutes and then flew off. Returned in four number; sat directly on next, faced NE (almost directly facing me and the time = side to side head juke for a second or so. Clocaseonally cocks bur head slightly, after deady jurking from seeds a side ceases, and also turn neck occurrily to one site of the other. When she leaves next (sut 4 min . Historie) she varies the clivelion which she minetially takes, then owersest often, although not invariably deves NW& down into canyon. I have still been unable Dobserve exactly where she gen or Whatshe dres. Devene traces, when the has revered



Jacciaje Hanninghin

E Tok sheep Creek, 5,500 H., Knigs R. Canyon, Fresus C. City

may 31, 1942 in vicinity of next & gone from juch a perch my empression has been that she was unsect hunting; however, these times when she leave forpereds of 6 and 6 minutes, it is low fossible to say where she goes. Furthanore, although have wanted to investigate the terreton in the direction in which she goes nort often; it is sompracticable to do this because the ude of the garge are sleep & sovered with slipping loose gravel + m. Dir on tello us that these sleep oute are good thought stay away from. Was gove six menuels I fed young on return. again slid outo next, facing East (alille North of Gast actually and facing needlost ducity. It is an interesting thing to note this she alternates. The leaves the nest of selvers withint feeding the young. next trip she feeds them on her Kelusn, etc. This has been true their for this morning, I was true yesterday afternoon. Gesterday morning she had been upset by my prying in the hest & perhaps this helps account for the errigularty mi this seguence of events at that line, she staged on the new for 2 min. I then flew off agree N.W. Iwa able I follow her for a time of see



Calcinge Hunnington -

2. And Sheep Creek, 5. 500 ft, Rugs R. Conyon, Treons Con Caty.

her short 5000 60 yds. away, at alinet the level of the trail, stopping in med and, Then flying down & slopping then up & slopping. after perhaps 30 seconds of this, she was low from suget. (Innect henting?) On her between she perched just a second or the alder then she stopped just an instant as a travel a feet show the next perched at mothly & fed youry. Iwece she prodded in one decetion; with forceful pumping neoleois bt. fules. I could see the neseting beat serrounding hers. It is now a pole yellow & still short & book . I could not estemt The length from what I said. Then she raised her beak in a the eins and made a sort of swallown provenent with the shoot. The nois aimed a little A the right (her right) of where she had previously you down I worke more the spasnisher purping movement occurred. The sumes a lease fache down into the nest now so that only a quarter Man inch of her heak sen I see at its lowest print in the process. The selled again only the town nest, now facing the INW. and turned her head, as I turned her head, The sun is on her now. Stayed on rest 20 min. Sorbing down in to the good again - meny; She flew NW+

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& Callinge Hunenenglier

E. Fork Sheep Creek, 5.500 ft., Knigs R. Canjon, Fres no Co, Calif
May 31, 1942

Stayed away & minites. Upon her setur, she perched medgrand fed nesterigs again. again: clowe jertet several fotal dortking purpus downers jaus, Then she rouse her beale above hoseyouted, Jowered it again & looke from side to side annutant. Selecting now the mouth first Dher right she again proceeded to pump t fale. Then she shit outs the next, facing tast & broked around a bitle; gree a few side D side ferles, Left Hen 4 min. Slough array blood 3min' . + was seen during the last minute of that time injurchin alder, Then hovering in an for awhile, had these in jusch below met, shot branch which acene Dhea favorite, & then ducelly rue net. Facing somewhat Noj Z. Flysatakei notskeard- Hummes in next raises head & heat at 60 60 deques - more head seightes from side to side. Stayed on nest/2 min. & then off again = NW+ down. Reappeared at 11:58 in Soul oak S.E. Arest Tree. Perchett wiped beak, straightens fearthers. Up about 6 inches changed direction, now Jacing NE & prement Cleaned brak. Myte in alder oprendland things, olimed bed; Elged nest = fed young, Surfacing a livish & JS

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E. Forh Huy Creek, 5,500 ft. Knip R. Congo, Fresus Co, Calif.

tooka half how recess (12100-12:30) and then back whe callupe. atiz: 54, she flew of the nest, having stayed on 12 minute, & plea NW & Down a gan - Reappeared at 1:01 - fed young of disoppenes again, Histerie without settling Reappealed & 1:0 g hogh in alder- cleaned beak, flew down bft or so, cleaned leade, down To low branch on hest tree (her usual one) perched there for avolule - I should have remarked before this, that when she perches, her urngs flutter somstanely & expecially with each turn of her head, the , she flus end nest (eveny still bealing for a second often Canding): Faced NE. Stryed on 5 min. thin flew off. at 1:18 reappeared on alder-Trued, cleaned beat, spread tail, ele Next now in shake - Deseppends again for nfew secondot agam sur is alder: Puched or branch below nest for a while looking around - Then back a alder back to anuel branch below niest brokes aires Elgen wit - mfushing- Sept nest at 1:33 -Renpresent on alder · Fannet tril squark wring; cleaned bill; sometiched - flow town ous t soutered shower of water (?) as the flue -



m. Redon, 1942

Calleope Hunuminghend-

E. Fork Sheep Creek, 5,500 ft, Kings R. Canyon, Trions Co, Caly.

Trued to look in a nest when she despised again. Pescett - I saw & very fuggy, sorty things I found one head with difficulty & even then could make out no details of it.

Mother flew around me excitely and perched right in front of me as before. I left for samp at 2 p. m. intending wither lates.

My morning figures show that during the 2 hrs from 10:000 m. 1012:00 m. she fe 1 the linds 5 times. The fed them once let. 12:30 and

Relieved at \$: 20 humane - freghened of.

On wet at 12: 35 until: 4: 46, Came on heatflying

Fact facing East. Slayed away from fills

min' During hime seen flying near med

tree conce ' tel the young very vegrantly. Shen was

off again without settling in neath

Sunsu various percho on hearly true (previously

tenally pame on perch below next (previously

mentioned) of flew me next. Set feeding



Calkegie Hunning brus

E. Fork sheep deck, 5,500 ft Kings P. Canyon, Fresus Co. Cilif.

Table of feed ingst time apent on nest and away from

-10:05 - 10:09=4 On heat

10:09-10:12=3 (ffnest; nefeeding)

10:12 - 10:18=6 en nest

10:18-10:23=50ff - (feeding) -

10:23-10:28=50n

10:28-10:32-40ff (no feeding)

10:32-10:36=40n nest

10:36-10:42-60ff- (fuding)

10:42-10:48=6Chr

10:48-10:49=10/ - (no feeding)

10:47-10:51-20~

10:51-10:58=70ff (feeling) of

10:58-11:18=20 On

11:18-11:26=80f) (freding)-

11:26-11;30=40m

11:30-11:33=90ff (no fukinj)

11:33 -11:45=12Un

12:30-12:36-60W

12:36-12:393(0/7-Nofeerby)

12:38-12:40 =20n

12:40 - 12:42 22 (off-no feeding)

12142-12153=0~=11

12:53-1:01=8= (off - feeding)

1:01-1:10=4(0ff (flew off insued)

(no feeding) -1:10-1:15-0w-5

1:15-1:21=607/ Enofeeding

1:21-1:33=62 = 12

1:33 - off - I truis a look

into next with merror -

mother flying around me -

4:35-4:46 -On ness

4:46-4:57 Off nest fleding

4:89-5:10-Off-[left(mined.)

fredering

11:45-12:00=150]- (feeding / B1.10:00 and 12:00 = Thes. = 6 feeding 81.12:30-1:30 = 1 hr. = 1 hu = 1 felders



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Callinge Hummingleid

E. Fork Sheep Creek, 5500ft, Kings P. Canyon, From C, Cig

10:50 - teeding young from S. side & sat foreig N.W. Stayed on nest 9 min. & then flew - off - N.W. & up. Rappeared reas mil a few minutes later. Might have gone in, but some puple sine upthe trail of she againstinappeared. Quenat 11:10 in alder, wysing her beak. Cance a next. West side the time of fed young: Teter = Such stronger, heads t heaks easily visible as she feeds them, There was an interruption, and I end track of her for a while. When she returned, she sat on the neityn a time facing NW and several times D saw her move her everys we though she were sittling them. I ruffle them up round times. The left the nest & at 11:45 Down her setting in the alder, vegerously breening; parateling; wiping his well, farminghe toil, etc. a minute or solution she was on the usual edge of the next, feeling her nestlings, Almost all of whose heads were visulale. Settled on next fraing S. b. Seft hest again for a while. Petured working foring Around S.E. On nest 4 min . - Alew off in a wide are which finally objected

her NN agnus.



M. Redon, 1942

agam

Callege Henningland Calif. E. Fork Sheep Creek, 5500 ft, Knigs R. Janyon, tresus Co, June 1, 1942 She stayed away only aleast a menuto and a halfer two. When Etund, she was already on the next, facing 55 and I do not know whether she fed her nesttingsor not. Sation alex about 4 minutes and then flewoff. Relieved in mont of minutes of fed her youngsters. Mon that I can see the restlings heads so she feed them I can see that she does allerned from one to the other in her fusing & that believer each, she sort of pulls her head forward & jurk et back (forcing ford up ?) she flew of mnedvettest then petremed in about 3 multi without feeling her young. On nest nomin. and then flew off DNW again. arrived without feeding young; from 6. flew off to NW after 2 mer- on nest. Respossed Tomentes later I fed young. Definitely she fed them alternately This time; she sat facing sour SE when she had finished, Ingitting on the reso she flagsped her vorrige this time. Left often a few muite E. Sor on red of minides of them flow of the WW of drawn

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m. Redox, 1942,

Calleope Hummingherd

E. Fole Sheep Creek & sooft, Knigs R. Canyon, Frenco Co Calif.

June 1, 1942

Hours of feedings, etc

- 10:50 - M- feeding

10:50 - 10:59 = On near

10:59-11:11 = off. feeding

11:11-11:13 = off (flow invited.) rufedy 1:28 - 4:32 - off- (feeding)

11:13-11:14- On

Interruption

-11:19-11:34 - On-

11:34-11:46 - Of Judinis

11:46- 11:54-Un

11:54 - 12:00 - M-10 feeling

12:00-12:01 - On nest

12100 - 12100= Off- (3)

12:06-12:10 = Che

12:10-12:14 = Of Cheeding

12:14-12:15 - Clu

12:15-12:18 = Of (no feeding)

12:19 - 12:19 = On

12:29-12/32 = Off (feeling)

12:32-12:04 = Ch

12134-12:41 c of (feeling)

12:41 - 12:44 - Um

12:44 - 12:47 = Tf (No Feeding)

12:47 - 12:52 = Un

12:52 - 12:58 = 04 (3)

12:56-1:00 - On

1100-1110 Off. Geding

11:10 -13:5 On

1:15-4:28 9H-(Nofeeding)

Bt. 10:504/11/4=24 news. =

2 feedings.

Bt. 11:20-1:30 = 2 hrs. 10 new.

= 5 feedings -

• m. Redon, 1942

Calleape Hunninghin

EARL Sheep Creek, 5500 ft, Kings R. Conyon, trion C, Caly June 1, 1942

Appeared in oak new nest tree. Besched in unlight and preened, scralabed, Janned Will

etc. Devas not watching as she entered

next, luct I looked learly 2 seconds ofto

and I feel sure she had not time a

feed young. Left next after a minto

Respected for a second when left next

against returned a feed young. Sleft of this

time.

June 2,1942 (urwed at next about 7:50 a. m. and saw that bird was off the nest. She appeared at 7:54 and flew deretly onto the nest, without feeding young. Faced N.E. (I was setting poniciolia NE gher. Left nest after about O minutes. Some 8 min - Flees derectly wild nest upox her relieve ded notflet bee young. Freed NF again. Weather here sloudy ondrather cold now, Sun has up here Aft. Left ufter alexat 10 min . & selvened in & min. Wfeed young. Ted first one & then the other; each was fed there times. Aled again only next on which who stayed barely a minute of Then she felew off a the S. W. Faced S. E. white on showed this time.

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Callion Hunninghie

E. Fork Sheep Creek, 55 ouft. Kengs K. Caryon, Frems Co, Calif. June 2, 19 42 Reappeared in several min. somery from S. F. & sales flew directly onto nest ways besting Faced NE; no feeding of young. Surched nest with field glasses for siglet of young while she was you. They cannot be seen at all from below (i.e. from the triel , where sating on nest, kept lunning head from side to side would beat held at and of about 60° with horizoned. Could pa nothing consual up alcore. Watching weets (3). Flew off whele was writing the comment. Did not met in which direction she west. Perppeared in about 11 minutes from 6-W. Herched on edge of nest & fed young alternately, as far as I could see one was fed 3 times & The other lines, Sled conto nest facing S. E. Unoticed that between each feeding i.e. to during the tonic that she had pulled her busk from one youngstert was preparing to jak It into the other month, she usually threwback her head in a swallawing morevert. She out way low in the next in a strugged birther at an augher

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m. Redon, 1942 Calleope Hummvegler E. Frele Sheep Creek, 5500ft, Kright. Conyon, Treonico, Caf June 2,1942 Ceft after about 6 numeter and reappeared in I men , flyning derectly ends nest & for several seconds lurning head rapidly from side Desede. Facing NET selling very ereet this terie Could see about "2 in. of breast below liverion of black therat markings. Disappeared hefre I could note the develor she took appeared in should 4 min. , peraled at edge of nest & fed nestting. I could not see the ducation of her first jab however the next three, two seemed directed the same frit of the neil Aluch on nest facing NE & sufflether warp several times as she settled down. and not notice, between feeding, The throwing back of the head which had noticed before. Hero off malout 5 min. make an arc & flew around toward NE sworping downward & then up again.

If N'represent the nest, she followed line N'X.



E. Fork Sheep Creek, 5500 ft, Lings R. Canyon Francis Co. City

June 2, 1942

Teguris' showing time of feeding, etc.

7:54-8:01= Che heat 8:01-8:09=Off-(No feeding) 8:09-8:19=On 8:19-1:23=Off (Feeding) 8:23-8:24=On 8:24-8:26=Off (No feeding) 8:24-8:33=On 8:33-8:44=Off (feeding) 9:26-8:33=On 8:33-8:44=Off (feeding)

8:50-8:53 - Off- (No feeding) 8:53-8:55 = On 8:55-8:59 = Off (fuding)

8:54-8:05 = On 9:05- 4:17 = Off (feeding)

9:17-9:19 = Off (No feeding)

9:19-9:20 Elleggay guil

9:20-9:32 = Off- (In feeding)

9:32-9:34 = On.

9:34-4:49 = Off- (Feeling)

4:44-9:50 = Un

9:50-4:52 = Off- (Wifeday)

9:52-4:57 = 0

9:57-10:16 = Off- (feeding) 10:16-10:18 = Off-Interruption here 10:36-10:32 = More "

Bt. 8:00 a.m. + 10:20 - 2hrs. +20 menutes - fed her nestling Clines.



m- Redon, 1942

E. Fosh Sheep creek, 5500 ft, Krigs R. Conegon, Frence Co, Calif.
June 2, 1942

Sawher ugai en alevet 10 min. m'ore of high branches of alder. Lat & pleased beak riffled every, & found tail hoved shown lower in alder + repeated process. Freatly, Dedge? nest, fed young; did not shoewed have many twee sach fed; noticed that white heast feretiers seemel a lutte puffled & that, as she punel beak down the young rues month, the beak was slightly afined for a second at the base, which could see & shen cloud. I would on to nest, facing find SET then N &, i.e. lurings rest wiel some flapping of weign. On ment for a few second then of ther on again. Dray squerel appeared on fellen log below next; norther Hanner quieble of next & Liverest around him a few seconds; apparently not desturbedly him, beauce then she flew med alder above squerity cleaned her beak opreened her feathers for a while. moved was Oak S. E. of nest tree of present preenedt scratched some was. Kept His wing orunning beat down it; there turing



Calleopi Henenglierd

E. Fork Shup Creek, 5500 ft, Kny R. Cryon, French, Cary. June 2, 19 x 2 neck and running beak down her back; building neck + preening bread feathers. Scratched vegoransly with both beak & fort, (Presence Jectoparasite?) Would look around nervously let. allacked upon herself with that long beach. Perchet ofout 6 ft from from the lad of a small leave twenty. Twigt about a foot from the brunk & about 10 ft. from nest. Hero there into branch of nest tree t Ther after hovering about for a second, mounted next (flew in) focus E. She had been off nest shout 12 new but hed bun within sight of it all the tenet of bakbeen preming & scratching. On hest 2 minutes & Then of with NAN severy desarched & drawn previously Reappeared Aleras 10 menutes later in small Och 5.6 of next the prieset for a cokele; in alder eta havered around, disappeared for a few seconds & ofhen perched on vest edget bed pany. Sled onto nest sofarry S.E. & while NE Wengs. closely- Ceft next of flew NW again.



m. Peday, 1942

dalliope Karmenghed

E. Ford Sheep Creek, 5500ft, Kings P. Canyons Fresus Co Caly June 2,1942 Responded shoutly; preved feathers a little of flus onto ned. absence only of alward 2 minutes this tenie. Kemained on rest 5 minutes 4ther flew off in same are described deagramed aline Was gree for alwest 15 min. Seen to wrrive in lind of oak Sty heather_ Satt precued & enter around, flutteres wrigs & farmed tail Theard a faint oqueak of the norther flew straight way Drestedge of fed young. Fotal of almost for 5 doesn' work puls: blis on net facing alottle 57 East-Sur some out for a while t again dis appeared when cloude for a second - When were blows ahr jerds her beck & Shakes her head. How off at approach of H. Feelies & B. Stores. at about 10:20. - Reoppeared at about 10:30 from S.W. + Sot on next.



Woder Oregel -

May 22, 1942 - W. Fork Sheep's Creek, Kings R. Cango a treono Co, Calif. One bird seen flying about region of sweft flowing water & faels. Sauled on haben covered rock & seen with green protreding from moute. Hereral polor co sooly gray tail short, hady heavy, wengs long & peene quite powerful. Wades in water edge to along rocks head bolbing down vegorously all the time. The short distances & then land in walking hocks faretier down. actually went into water, edg which was flowing rapelly & foam-covered; ded not stay long & yew out. Here again received unfression that wings long & jairly broad. While the one cere were walching was downstream we sow another one fly up towar the 1st fall ahove the trudge dans & beyond some podes projecting from edge & the left janning alls. The other berd (one we had been watching) turn arose in light arched followed. Thorthy after the one flew down stream & out of sight; the orderfollowed that stopped & began working its way downstream. Then, décappeaced. Une appeaced about 5 mis. Later wich somethinggreen in it mouth & flew hade behind fall- some flree as before. Ih



Sparrow Hank -

May 21, 1942 - End Jold Road this Canyon, Fresno Co., Calif.

I seen flying overhead and land at very top of an Incense Cedar; flew off, and toward skillow pine very top of which we another Sparrow Hawk. Two mey thought for Sugar Pine; Clase near the other. Then one (male?), which appeared D belange, flew downwar the other the other pears the other the other the other than one (male?).









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